

# Converting Colors

XYZ(85.4092, 91.3276, 97.5820)

Have a look what the booklet for XYZ(85.4092, 91.3276, 97.5820) contains.

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# Color

**XYZ(85.7141, 91.6934,  
97.9750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1F7F3
RGB	241, 247, 243
RGB Percent	95%, 97%, 95%
CMY	0.0549, 0.0313, 0.0471
CMYK	0.02, 0.00, 0.02, 0.03
HSL	140°, 27%, 96%
HSV	140°, 2%, 97%
XYZ	85.7141, 91.6934, 97.9750
YIQ	244.7500, -2.2920, -2.5160

# Conversions

## Conversions Part 2

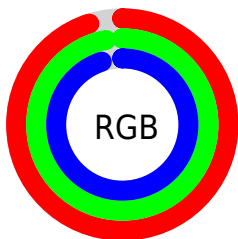
Format	Color
R <sub>Y</sub> B	241, 246, 247
Decimal	15857651
CIE Lab	96.69, -2.69, 1.22
CIE LCh	97, 2.949, 155.634
Yxy	91.6934, 0.3113, 0.3330
Android (android.graphics.Color)	4294047731 (0xFF1F7F3)
YUV	244.7500, -0.8628, -3.2887
Hunter-Lab	95.7567, -7.7945, 6.3661

# Details

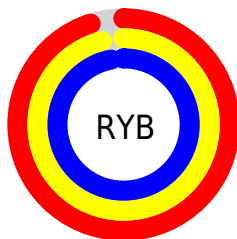
The XYZ color **85.7141, 91.6934, 97.9750** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.2979, 89.2798, 99.0752**, and the grayscale version is **86.6005, 91.1104, 99.2193**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6080, 51.1637, 54.3801** is the 20% darker color. If you saturate the color by 10%, you get **75.4707, 86.6900, 85.0879**, and if you desaturate by 10%, it is **92.5525, 95.0051, 108.0675**.

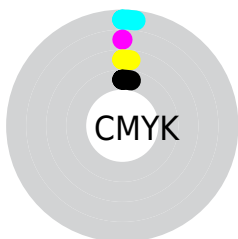
# Distribution



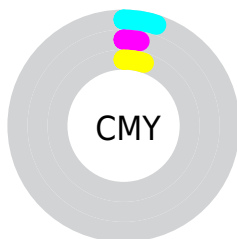
- Red (95%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7141, 91.6934, 97.9750 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 85.7141, 91.6934, 97.9750 by changing the saturation by 10% instead.



85.7141, 91.6934,  
97.9750

85.7141, 91.6934,  
97.9750

502.4362,  
533.5242, 574.8717

64.7561, 69.3860,  
74.0030

140.2793,  
149.6884, 160.3991

47.5273, 51.0261,  
54.2997

174.6172,  
186.1448, 199.6883

33.6624, 36.2294,  
38.4465

214.1458,  
228.0862, 244.9203

22.7960, 24.6114,  
26.0249

259.2304,  
275.8972, 296.5137

14.5628, 15.7878,  
16.6163

310.2364,  
329.9621, 354.8870

8.5974, 9.3741,  
9.8023

367.5291,

4.5346, 4.9860,

390.6653, 420.4588

5.1642

431.4739,  
458.3912, 493.6475

■ 2.0088, 2.2390,  
2.2835

■ 0.6389, 0.7412,  
0.7219

■ 85.7141, 91.6934,  
97.9750

■ 85.7141, 91.6934,  
97.9750

■ 75.4707, 86.6900,  
85.0879

■ 92.5525, 95.0051,  
108.0675

■ 66.5397, 82.3354,  
73.3950

■ 58.8687, 78.6061,  
62.8640

■ 52.3990, 75.4723,  
53.4590

■ 47.0671, 72.9021,  
45.1422

■ 42.8031, 70.8604,  
37.8736

■ 39.5294, 69.3080,  
31.6108

■ 37.1570, 68.1999,  
26.3083

■ 35.5793, 67.4821,  
21.9167

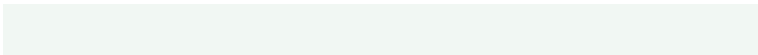
# Harmonies

## Analogous

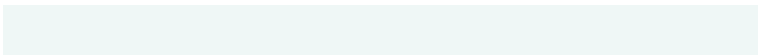
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2305, 91.6934, 96.1897



85.7141, 91.6934, 97.9750



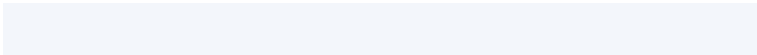
85.5819, 91.6934, 100.2854

# Triad

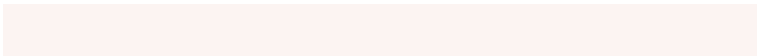
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7141, 91.6934, 97.9750



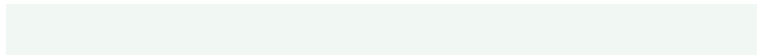
87.3077, 91.6934, 104.4305



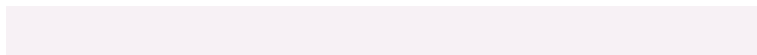
88.4481, 91.6934, 97.2138

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



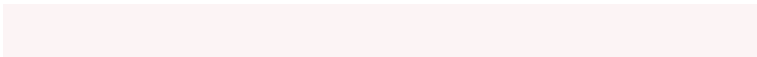
85.7141, 91.6934, 97.9750



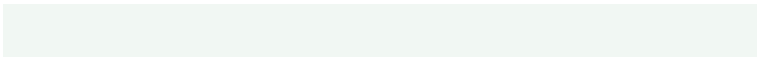
86.2979, 89.2798, 99.0752

# Split Complementary

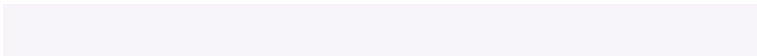
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7408, 91.6934, 99.3930



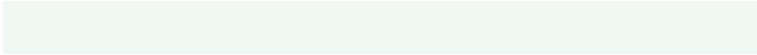
85.7141, 91.6934, 97.9750



88.0797, 91.6934, 103.5785

# Square

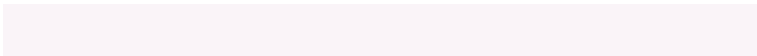
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



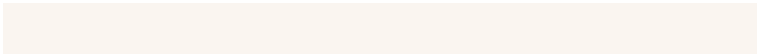
85.7141, 91.6934, 97.9750



86.4987, 91.6934, 104.0364



88.6055, 91.6934, 101.7255

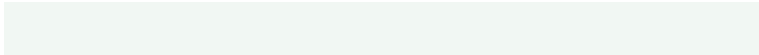


87.8082, 91.6934, 95.7551

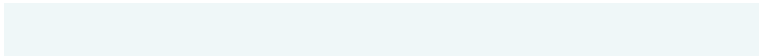


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



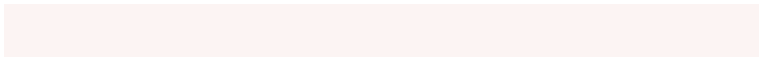
85.7141, 91.6934, 97.9750



85.7288, 91.6934, 101.8178



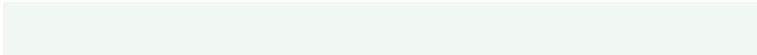
88.6055, 91.6934, 101.7255



88.5905, 91.6934, 97.8851

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85.7167, 91.6973, 97.9770



93.8454, 99.4105, 107.4208



86.8327, 92.3073, 96.4610



20.0995, 21.2842, 23.0081



0.0000, 0.0000, 0.0000

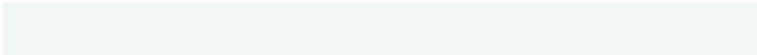


20.3446, 21.4041, 23.3091



# Same Dimension

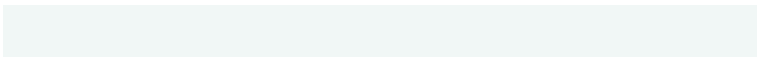
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7167, 91.6973, 97.9770



91.4807, 98.2536, 104.5022



86.1587, 91.8742, 100.3048



17.7507, 19.1696, 20.2598



18.4602, 35.5289, 10.4434

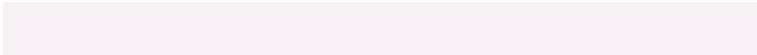


1.6682, 3.1409, 1.1587



# Inverse Universe

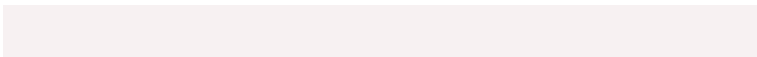
The Inverse Universe completely reimagines the original color for something new.



86.2979, 89.2798, 99.0752



92.2503, 95.0528, 105.9561



85.8580, 89.1038, 96.7587



17.9400, 18.3820, 20.6175



23.9332, 11.9167, 20.1546

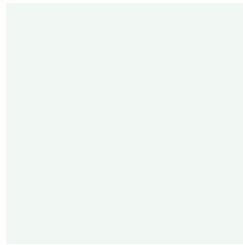


2.1510, 1.0664, 2.0218



# Previews

## White Background



This preview shows how the XYZ color 85.7141, 91.6934, 97.9750 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

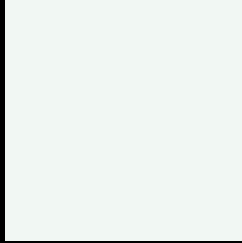
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 85.7141, 91.6934, 97.9750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

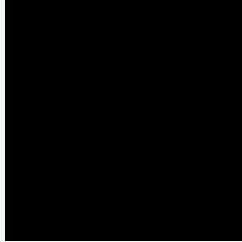
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

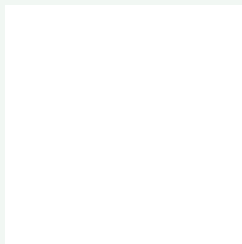
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 85.7141, 91.6934, 97.9750

## Background



This preview shows how black text looks on a background with the XYZ color 85.7141, 91.6934, 97.9750.



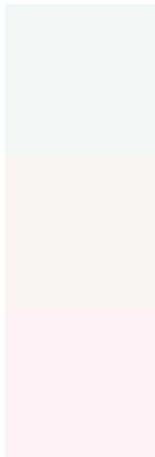
This preview shows how white text looks on a background with the XYZ color 85.7141, 91.6934,

97.9 50.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

85.7141, 91.6934, 97.9750

### Protanopia

87.6522, 91.3762, 96.2367

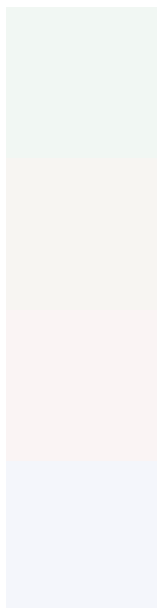
### Deuteranopia

89.4736, 91.3568, 99.3041

## **Tritanopia**

88.3586, 91.9373, 107.6964

# Trichromacy



## Original Color

85.7141, 91.6934, 97.9750

## Protanomaly

87.0372, 91.4898, 97.0763

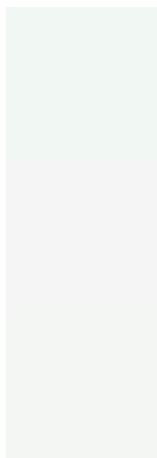
## Deuteranomaly

88.1042, 91.5570, 98.6166

## Tritanomaly

87.6766, 92.1097, 104.4247

# Monochromacy



## Original Color

85.7141, 91.6934, 97.9750

## Achromatopsia

86.7900, 91.3099, 99.4364

## Achromatomaly

86.5931, 91.6763, 98.7193

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 85.7141, 91.6934, 97.9750 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(241, 247, 243) looks like.

```
.text, #text, p{  
    color:rgb(241, 247, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 247, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 85.7141, 91.6934, 97.9750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 247, 243) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 247, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 247, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(241, 247,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 85.7141, 91.6934, 97.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 247, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
247, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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