

# Converting Colors

XYZ(85.5634, 91.6331, 97.1817)

Have a look what the booklet for  
XYZ(85.5634, 91.6331, 97.1817)  
contains.

<b>XYZ(85.5634, 91.6331, 97.1817)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(85.5634, 91.6331,  
97.1817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1F7F2
RGB	241, 247, 242
RGB Percent	95%, 97%, 95%
CMY	0.0549, 0.0313, 0.0510
CMYK	0.02, 0.00, 0.02, 0.03
HSL	130°, 27%, 96%
HSV	130°, 2%, 97%
XYZ	85.5634, 91.6331, 97.1817
YIQ	244.6360, -1.9710, -2.8270

# Conversions

## Conversions Part 2

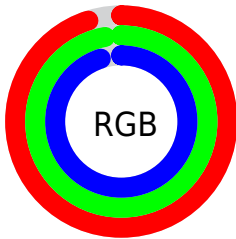
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	241, 246, 247
Decimal	15857650
CIE Lab	96.67, -2.86, 1.70
CIE LCh	97, 3.328, 149.349
Yxy	91.6331, 0.3118, 0.3340
Android (android.graphics.Color)	4294047730 (0xFFFF1F7F2)
YUV	244.6360, -1.2995, -3.1888
Hunter-Lab	95.7252, -7.9679, 6.8155

# Details

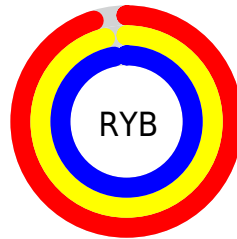
The XYZ color **85.5634, 91.6331, 97.1817** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.4510, 89.3409, 99.8814**, and the grayscale version is **86.5121, 91.0175, 99.1180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5013, 51.1211, 53.8181** is the 20% darker color. If you saturate the color by 10%, you get **74.7771, 86.4125, 81.4356**, and if you desaturate by 10%, it is **92.5525, 95.0051, 108.0675**.

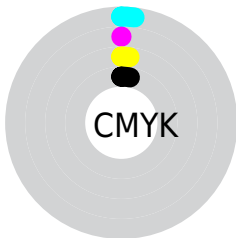
# Distribution



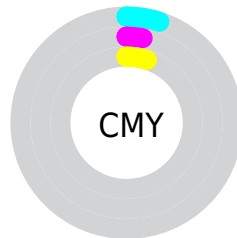
- Red (95%)
- Green (97%)
- Blue (95%)



- 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 85.5634, 91.6331, 97.1817 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 85.5634, 91.6331, 97.1817 by changing the saturation by 10% instead.



85.5634, 91.6331,  
97.1817

85.5634, 91.6331,  
97.1817

501.9461,  
533.3291, 572.2879

64.6311, 69.3359,  
73.3452

140.0700,  
149.6048, 159.2967

47.4256, 50.9853,  
53.7648

174.3750,  
186.0481, 198.4123

33.5816, 36.1969,  
38.0217

213.8683,  
227.9755, 243.4581

22.7337, 24.5863,  
25.6976

258.9152,  
275.7715, 294.8525

14.5166, 15.7691,  
16.3738

309.8811,  
329.8205, 353.0142

8.5649, 9.3609,  
9.6318

367.1313,

4.5133, 4.9773,

390.5068, 418.3616

5.0532

431.0312,  
458.2149, 491.3133

■ 1.9964, 2.2340,  
2.2192

■ 0.6320, 0.7384,  
0.6854

■ 85.5634, 91.6331,  
97.1817

■ 85.5634, 91.6331,  
97.1817

■ 74.7771, 86.4125,  
81.4356

■ 92.5525, 95.0051,  
108.0675

■ 65.4223, 81.8885,  
67.5114

■ 57.4408, 78.0349,  
55.3452

■ 50.7674, 74.8196,  
44.8670

■ 45.3313, 72.2078,  
36.0020

■ 41.0553, 70.1613,  
28.6700

■ 37.8531, 68.6375,  
22.7839

■ 35.6262, 67.5876,  
18.2475

■ 34.2570, 66.9532,  
14.9532

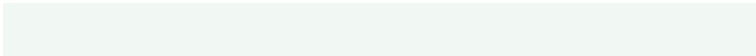
# Harmonies

## Analogous

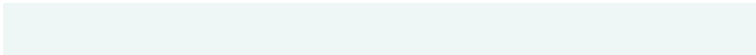
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2200, 91.6331, 95.3701



85.5634, 91.6331, 97.1817



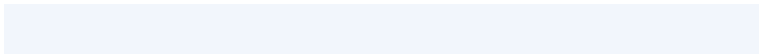
85.3166, 91.6331, 99.7146

# Triad

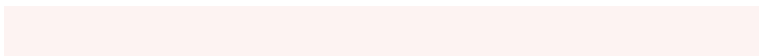
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5634, 91.6331, 97.1817



87.0742, 91.6331, 104.9881



88.6644, 91.6331, 97.2809

# Complementary

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



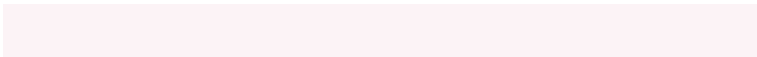
85.5634, 91.6331, 97.1817



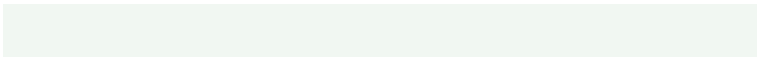
86.4510, 89.3409, 99.8814

# Split Complementary

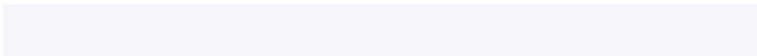
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8970, 91.6331, 99.8311



85.5634, 91.6331, 97.1817



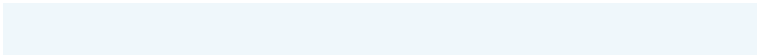
87.9749, 91.6331, 104.3091

# Square

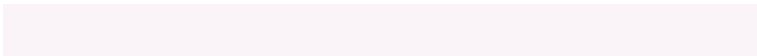
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



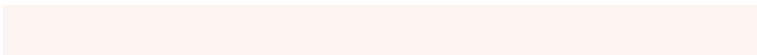
85.5634, 91.6331, 97.1817



86.1850, 91.6331, 104.2491



88.6438, 91.6331, 102.4097



88.0104, 91.6331, 95.4266



# Rectangle

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



85.5634, 91.6331, 97.1817



85.4162, 91.6331, 101.4813



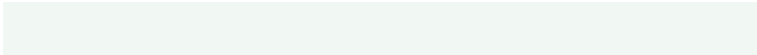
88.6438, 91.6331, 102.4097



88.7946, 91.6331, 98.0837

# Sweetspot

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



85.5660, 91.6370, 97.1837



93.7777, 99.3834, 107.0643



87.1829, 92.4879, 96.4773



20.0857, 21.2786, 22.9355



0.0000, 0.0000, 0.0000

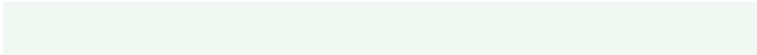


20.3446, 21.4041, 23.3091



# Same Dimension

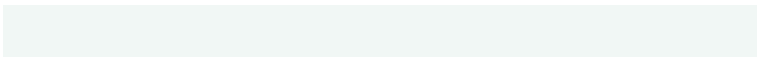
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5660, 91.6370, 97.1837



91.2817, 98.1740, 103.4541



86.0055, 91.8128, 99.4983



17.7018, 19.1500, 20.0026



17.8380, 35.2800, 7.1665



1.5996, 3.1135, 0.7972

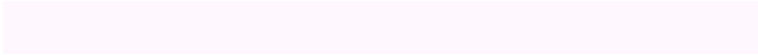


# Inverse Universe

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



86.4510, 89.3409, 99.8814



92.4534, 95.1340, 107.0256



86.0088, 89.1640, 97.5529



17.9901, 18.4020, 20.8814



26.2144, 12.8292, 32.1671

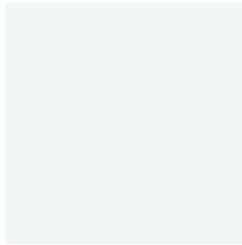


2.3348, 1.1399, 2.9894



# Previews

## White Background



This preview shows how the XYZ color 85.5634, 91.6331, 97.1817 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

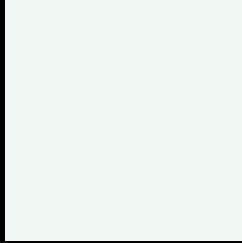
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 85.5634, 91.6331, 97.1817 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

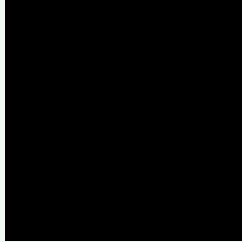
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

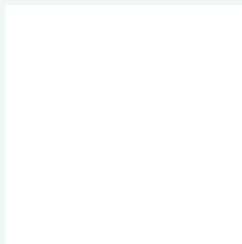
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 85.5634, 91.6331, 97.1817

## Background



This preview shows how black text looks on a background with the XYZ color 85.5634, 91.6331, 97.1817.



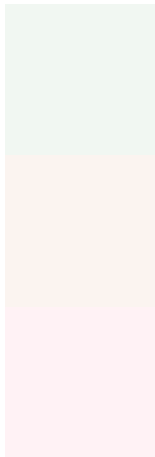
This preview shows how white text looks on a background with the XYZ color 85.5634, 91.6331,

97.1817.

# 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

85.5634, 91.6331, 97.1817

### Protanopia

87.8625, 91.5019, 95.4689

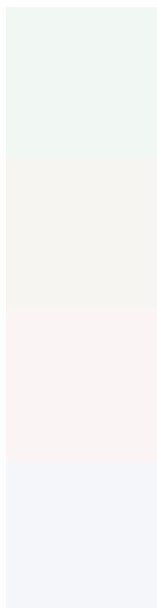
### Deuteranopia

89.4736, 91.3568, 99.3041

## **Tritanopia**

88.3586, 91.9373, 107.6964

# Trichromacy



## Original Color

85.5634, 91.6331, 97.1817

## Protanomaly

86.8874, 91.4298, 96.2874

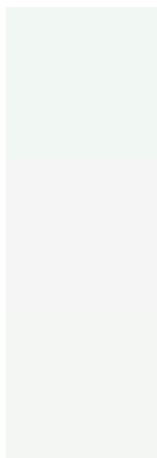
## Deuteranomaly

88.1042, 91.5570, 98.6166

## Tritanomaly

87.5193, 92.0468, 103.5965

# Monochromacy



## Original Color

85.5634, 91.6331, 97.1817

## 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 85.5634, 91.6331, 97.1817 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, 242) looks like.

```
.text, #text, p{  
    color:rgb(241, 247, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 247, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 85.5634, 91.6331, 97.1817 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, 242) }
```



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

```
.border{ border-color:rgb(241, 247, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 247,  
242) }
```

# Background

The CSS property to change the background color of an element to XYZ 85.5634, 91.6331, 97.1817 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, 242) }
```

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

```
.background{ background-color: rgb(241,  
247, 242) }
```

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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