

# Converting Colors

XYZ(85.3125, 93.0125, 91.2987)

Have a look what the booklet for XYZ(85.3125, 93.0125, 91.2987) contains.

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# Color

**XYZ(85.3125, 93.0125,  
91.2987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1FAEA
RGB	241, 250, 234
RGB Percent	95%, 98%, 92%
CMY	0.0549, 0.0196, 0.0823
CMYK	0.04, 0.00, 0.06, 0.02
HSL	94°, 62%, 95%
HSV	94°, 6%, 98%
XYZ	85.3125, 93.0125, 91.2987
YIQ	245.4850, -0.2280, -6.8840

# Conversions

## Conversions Part 2

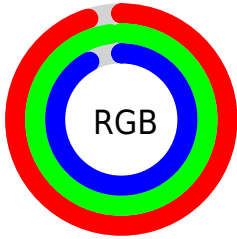
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 250, 243
Decimal	15858410
CIE <sub>Lab</sub>	97.23, -5.76, 6.63
CIE <sub>LCh</sub>	97, 8.785, 130.969
Y <sub>xy</sub>	93.0125, 0.3164, 0.3450
Android (android.graphics.Color)	4294048490 (0xFFFF1FAEA)
<b>Y<sub>UV</sub></b>	245.4850, -5.6621, -3.9333
Hunter-Lab	96.4430, -10.8759, 11.3826

# Details

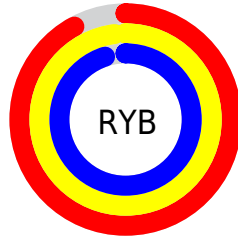
The XYZ color **85.3125, 93.0125, 91.2987** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6440, 84.8050, 102.4078**, and the grayscale version is **87.2282, 91.7709, 99.9385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3353, 52.1122, 49.6833** is the 20% darker color. If you saturate the color by 10%, you get **77.3542, 89.2987, 73.4818**, and if you desaturate by 10%, it is **93.4774, 96.8549, 108.3758**.

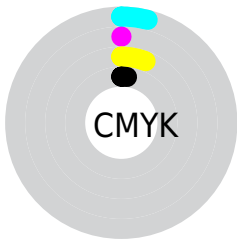
# Distribution



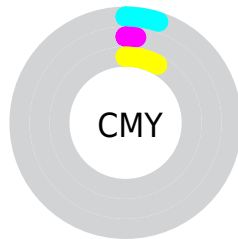
- Red (95%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3125, 93.0125, 91.2987 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 85.3125, 93.0125, 91.2987 by changing the saturation by 10% instead.



85.3125, 93.0125,  
91.2987

85.3125, 93.0125,  
91.2987

501.1297,  
537.7824, 552.9252

64.4230, 70.4819,  
68.4785

139.7215,  
151.5159, 151.0923

47.2563, 51.9195,  
49.8180

173.9717,  
188.2575, 188.9028

33.4471, 36.9409,  
34.8986

213.4061,  
230.5049, 232.5471

22.6301, 25.1617,  
23.3019

258.3901,  
278.6425, 282.4438

14.4398, 16.1976,  
14.6092

309.2892,  
333.0546, 339.0114

8.5109, 9.6641,  
8.4020

366.4685,

4.4781, 5.1768,

394.1257, 402.6685

4.2618

430.2936,  
462.2402, 473.8336

■ 1.9760, 2.3514,  
1.7700

■ 0.6204, 0.8007,  
0.4081

■ 85.3125, 93.0125,  
91.2987

■ 85.3125, 93.0125,  
91.2987

■ 77.3542, 89.2987,  
73.4818

■ 93.4774, 96.8549,  
108.3758

■ 70.2417, 85.9621,  
58.2380

■ 63.9461, 82.9931,  
45.4499

■ 58.4343, 80.3775,  
34.9887

■ 53.6703, 78.0998,  
26.7137

■ 49.6148, 76.1431,  
20.4693

■ 46.2244, 74.4890,  
16.0789

■ 43.4490, 73.1161,  
13.3360

■ 41.2287, 71.9991,  
11.9826

# Harmonies

## Analogous

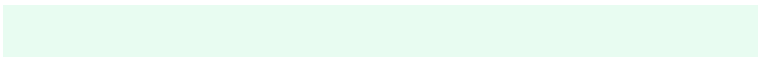
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5004, 93.0125, 88.4373



85.3125, 93.0125, 91.2987



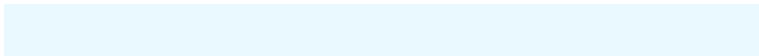
83.9692, 93.0125, 96.8819

# Triad

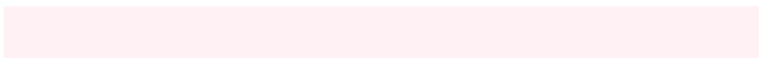
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3125, 93.0125, 91.2987



86.8581, 93.0125, 114.7566



93.1754, 93.0125, 98.6956

# Complementary

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



85.3125, 93.0125, 91.2987



83.6440, 84.8050, 102.4078

# Split Complementary

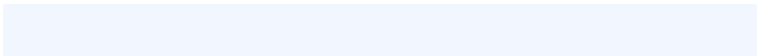
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9956, 93.0125, 105.7985



85.3125, 93.0125, 91.2987



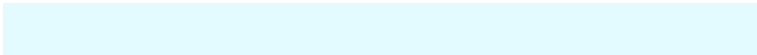
89.3170, 93.0125, 115.2982

# Square

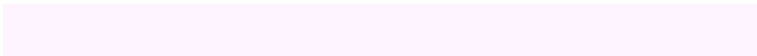
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



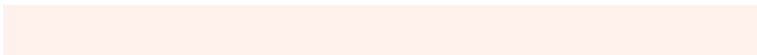
85.3125, 93.0125, 91.2987



84.8499, 93.0125, 110.5056



91.5726, 93.0125, 111.9524

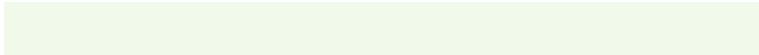


92.0592, 93.0125, 92.5729



# Rectangle

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



85.3125, 93.0125, 91.2987



83.7180, 93.0125, 101.5062



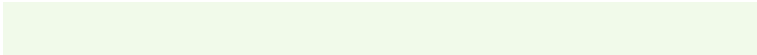
91.5726, 93.0125, 111.9524



93.2650, 93.0125, 101.0438

# Sweetspot

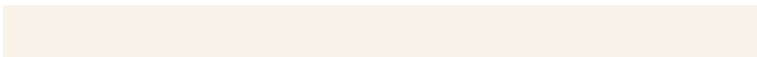
The Sweet Spot groups the original color and five complimentary colors.



85.3151, 93.0165, 91.3007



93.1918, 99.1357, 104.5837



86.2700, 90.2497, 90.7163



19.9664, 21.2282, 22.4304



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

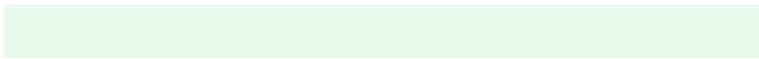
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3151, 93.0165, 91.3007



87.8402, 96.6428, 92.3189



83.0866, 91.8544, 91.7980



17.7376, 19.6805, 18.3262



21.6590, 38.0839, 6.2094



2.1253, 3.5887, 0.5807



# Inverse Universe

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



83.6440, 84.8050, 102.4078



85.6773, 86.0148, 106.6946



85.9808, 86.0242, 101.8635



17.2175, 17.1248, 21.7832



15.1170, 6.7358, 48.4769

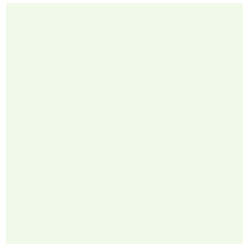


1.5218, 0.6866, 4.4955



# Previews

## White Background



This preview shows how the XYZ color 85.3125, 93.0125, 91.2987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

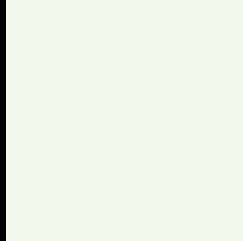
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 85.3125, 93.0125, 91.2987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

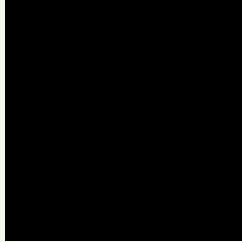
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

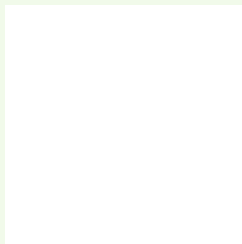
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 85.3125, 93.0125, 91.2987

## Background



This preview shows how black text looks on a background with the XYZ color 85.3125, 93.0125, 91.2987.



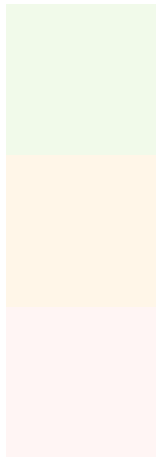
This preview shows how white text looks on a background with the XYZ color 85.3125, 93.0125,

91.2987.

# 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

85.3125, 93.0125, 91.2987

### Protanopia

88.7613, 92.9977, 89.6161

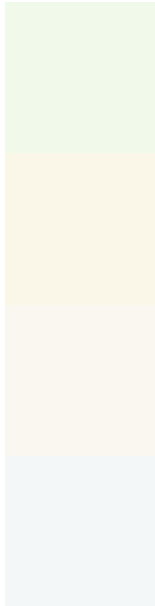
### Deuteranopia

90.2215, 93.0965, 98.8022

## **Tritanopia**

89.0118, 92.7244, 107.8139

# Trichromacy



## Original Color

85.3125, 93.0125, 91.2987

## Protanomaly

87.3931, 92.7287, 90.3831

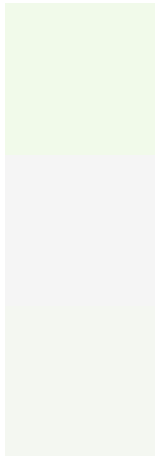
## Deuteranomaly

88.4133, 93.1368, 95.7554

## Tritanomaly

87.3575, 92.4700, 101.2400

# Monochromacy



## Original Color

85.3125, 93.0125, 91.2987

## Achromatopsia

86.7900, 91.3099, 99.4364

## Achromatomaly

86.4462, 92.1055, 96.4410

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 85.3125, 93.0125, 91.2987 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, 250, 234)` looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 234)  
}
```

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, 250, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 234) }
```

## Border

The CSS property to change the border of an element to XYZ 85.3125, 93.0125, 91.2987 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, 250, 234) }
```



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

```
.border{ border-color:rgb(241, 250, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 250, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 234);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
234) }
```

# Background

The CSS property to change the background color of an element to XYZ 85.3125, 93.0125, 91.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 234) }
```

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

```
.background{ background-color: rgb(241,  
250, 234) }
```

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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