

Converting Colors

XYZ(84.5840, 90.9002, 92.8944)

Have a look what the booklet for XYZ(84.5840, 90.9002, 92.8944) contains.

XYZ(84.5175, 90.7267, 93.1782) 3

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Color

**XYZ(84.5175, 90.7267,
93.1782)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F6ED
RGB	241, 246, 237
RGB Percent	95%, 96%, 93%
CMY	0.0549, 0.0353, 0.0706
CMYK	0.02, 0.00, 0.04, 0.04
HSL	93°, 33%, 95%
HSV	93°, 4%, 96%
XYZ	84.5175, 90.7267, 93.1782
YIQ	243.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

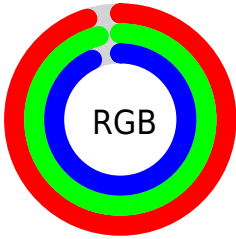
Format	Color
RYB	237, 246, 242
Decimal	15857389
CIELab	96.30, -3.23, 3.74
CIELCh	96, 4.939, 130.863
Yxy	90.7267, 0.3149, 0.3380
Android (android.graphics.Color)	4294047469 (0xFFFF1F6ED)
YUV	243.4790, -3.1941, -2.1741
Hunter-Lab	95.2506, -8.3023, 8.6754

Details

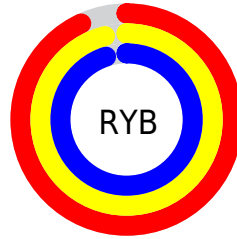
The XYZ color **84.5175, 90.7267, 93.1782** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5400, 86.1018, 99.4096**, and the grayscale version is **85.5999, 90.0578, 98.0729**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7615, 50.4774, 50.9946** is the 20% darker color. If you saturate the color by 10%, you get **76.6746, 87.0733, 75.3187**, and if you desaturate by 10%, it is **92.1275, 94.3331, 107.9602**.

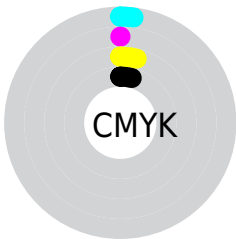
Distribution



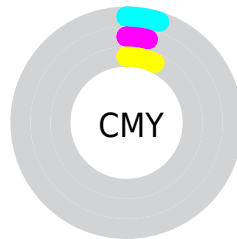
- Red (95%)
- Green (96%)
- Blue (93%)



- Red (93%)
- Yellow (96%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5175, 90.7267, 93.1782 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 84.5175, 90.7267, 93.1782 by changing the saturation by 10% instead.

84.5175, 90.7267,
93.1782

84.5175, 90.7267,
93.1782

498.5379,
530.3919, 559.1507

63.7639, 68.5835,
70.0311

138.6164,
148.3474, 153.7191

46.7205, 50.3726,
51.0750

172.6924,
184.5937, 191.9501

33.0217, 35.7095,
35.8911

211.9399,
226.3099, 236.0461

22.3024, 24.2100,
24.0611

256.7243,
273.8802, 286.4257

14.1971, 15.4894,
15.1663

307.4110,
327.6892, 343.5074

8.3405, 9.1636,
8.7883

364.3652,

4.3672, 4.8480,

388.1213, 407.7098

4.5084

427.9524,
455.5607, 479.4514

■ 1.9119, 2.1584,
1.9082

■ 0.5837, 0.6972,
0.4979

■ 84.5175, 90.7267,
93.1782

■ 84.5175, 90.7267,
93.1782

■ 76.6746, 87.0733,
75.3187

■ 92.1275, 94.3331,
107.9602

■ 69.6450, 83.7820,
59.9652

■ 92.2475, 94.3950,
107.9658

■ 63.4021, 80.8440,
47.0072

■ 57.9147, 78.2459,
36.3235

■ 53.1494, 75.9734,
27.7823

■ 49.0698, 74.0109,
21.2384

■ 45.6356, 72.3413,
16.5284

■ 42.8014, 70.9451,
13.4630

■ 40.5132, 69.7997,
11.8120

Harmonies

Analogous

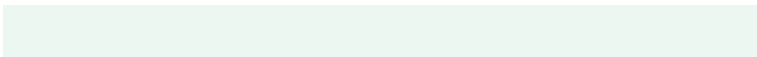
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7365, 90.7267, 91.5460



84.5175, 90.7267, 93.1782



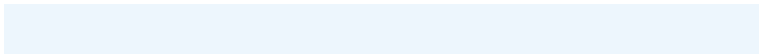
83.7632, 90.7267, 96.3283

Triad

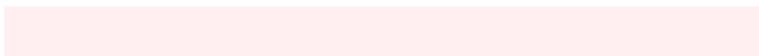
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5175, 90.7267, 93.1782



85.3705, 90.7267, 106.1015



88.8514, 90.7267, 97.3681

Complementary

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



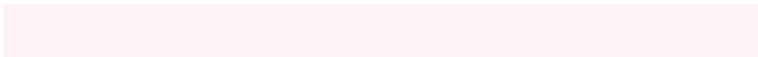
84.5175, 90.7267, 93.1782



83.5400, 86.1018, 99.4096

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.



88.7509, 90.7267, 101.2851



84.5175, 90.7267, 93.1782



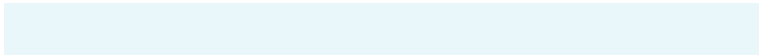
86.7314, 90.7267, 106.3979

Square

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



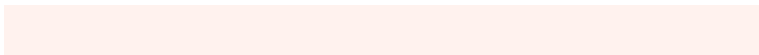
84.5175, 90.7267, 93.1782



84.2520, 90.7267, 103.8150



87.9716, 90.7267, 104.6143



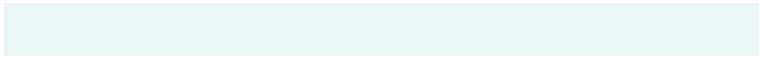
88.2448, 90.7267, 93.9220

Rectangle

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



84.5175, 90.7267, 93.1782



83.6205, 90.7267, 98.8998



87.9716, 90.7267, 104.6143



88.8994, 90.7267, 98.6722

Sweetspot

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



84.5200, 90.7306, 93.1802



94.1226, 99.5690, 106.7277



85.0328, 89.1852, 92.8549



20.1559, 21.3164, 22.8670



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

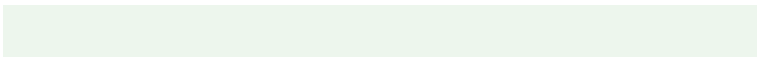
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5200, 90.7306, 93.1802



91.3960, 98.3010, 100.3831



83.2353, 90.0607, 93.4639



17.7850, 19.2068, 19.3784



21.1311, 37.0063, 6.0292



1.9734, 3.3124, 0.5353

Inverse Universe

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



83.5400, 86.1018, 99.4096



90.2344, 92.8145, 107.7669



84.8591, 86.7898, 99.1111



17.5170, 17.9408, 21.0822



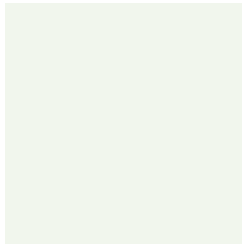
14.5245, 6.4620, 47.0198



1.3947, 0.6288, 4.1381

Previews

White Background



This preview shows how the XYZ color 84.5175, 90.7267, 93.1782 looks on a white background.

Color Contrast Check

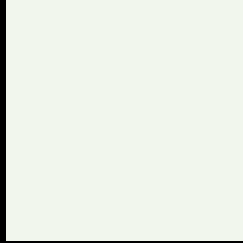
Large Text (above 18pt) WCAG AA × Fail

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 84.5175, 90.7267, 93.1782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

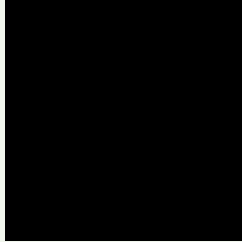
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

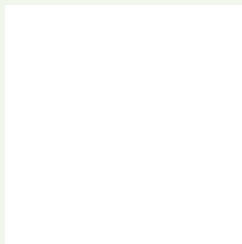
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5175, 90.7267, 93.1782

Background



This preview shows how black text looks on a background with the XYZ color 84.5175, 90.7267, 93.1782.



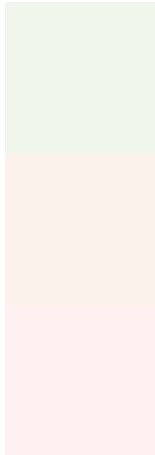
This preview shows how white text looks on a background with the XYZ color 84.5175, 90.7267,

93.1 82.

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

84.5175, 90.7267, 93.1782

Protanopia

86.8296, 90.6086, 91.5101

Deuteranopia

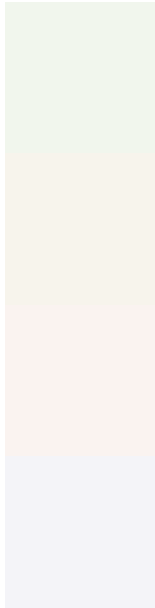
88.7223, 90.5814, 96.8122



Tritanopia

87.7568, 90.7337, 107.4958

Trichromacy



Original Color

84.5175, 90.7267, 93.1782

Protanomaly

85.8488, 90.5317, 92.3065

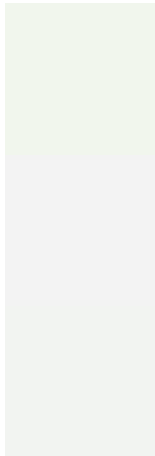
Deuteranomaly

87.2031, 90.7164, 95.3520

Tritanomaly

86.6022, 90.7118, 101.7516

Monochromacy



Original Color

84.5175, 90.7267, 93.1782

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.8458, 89.9295, 96.1054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5175, 90.7267, 93.1782 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, 246, 237) looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 237)  
}
```

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, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 237) }
```

Border

The CSS property to change the border of an element to XYZ 84.5175, 90.7267, 93.1782 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, 246, 237) }
```


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

```
.border{ border-color:rgb(241, 246, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 246, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5175, 90.7267, 93.1782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 237) }
```

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

```
.background{ background-color: rgb(241,  
246, 237) }
```

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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