

Converting Colors

XYZ(84.5181, 91.5840, 89.5076)

Have a look what the booklet for
XYZ(84.5181, 91.5840, 89.5076)
contains.

XYZ(84.7508, 91.8382, 89.6036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.7508, 91.8382,
89.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F8E8
RGB	242, 248, 232
RGB Percent	95%, 97%, 91%
CMY	0.0510, 0.0274, 0.0902
CMYK	0.02, 0.00, 0.06, 0.03
HSL	83°, 53%, 94%
HSV	83°, 6%, 97%
XYZ	84.7508, 91.8382, 89.6036
YIQ	244.3820, 1.5600, -6.2480

Conversions

Conversions Part 2

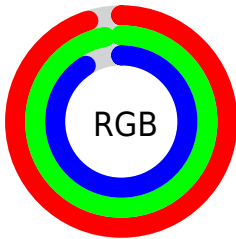
Format	Color
R _Y B	232, 248, 238
Decimal	15923432
CIE Lab	96.75, -4.76, 6.98
CIE LCh	97, 8.450, 124.271
Yxy	91.8382, 0.3184, 0.3450
Android (android.graphics.Color)	4294113512 (0xFFFF2F8E8)
YUV	244.3820, -6.1043, -2.0890
Hunter-Lab	95.8322, -9.8471, 11.6461

Details

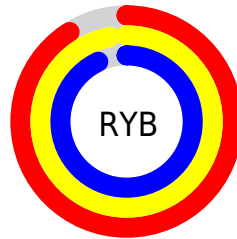
The XYZ color **84.7508, 91.8382, 89.6036** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.0633, 82.6701, 100.4961**, and the grayscale version is **86.3436, 90.8402, 98.9250**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9358, 51.2730, 48.4972** is the 20% darker color. If you saturate the color by 10%, you get **78.3616, 88.9258, 72.1948**, and if you desaturate by 10%, it is **91.5133, 94.9245, 108.1067**.

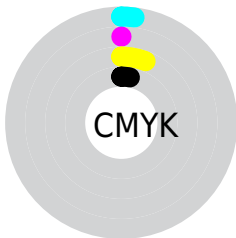
Distribution



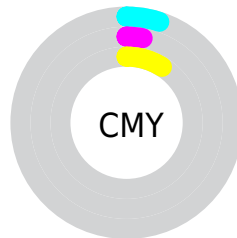
- Red (95%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7508, 91.8382, 89.6036 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 84.7508, 91.8382, 89.6036 by changing the saturation by 10% instead.

84.7508, 91.8382,
89.6036

84.7508, 91.8382,
89.6036

499.2992,
533.9925, 547.2773

63.9573, 69.5062,
67.0801

138.9408,
149.8891, 148.7184

46.8776, 51.1241,
48.6877

173.0680,
186.3769, 186.1467

33.1465, 36.3074,
34.0079

212.3704,
228.3520, 229.3803

22.3985, 24.6717,
22.6223

257.2135,
276.1990, 278.8378

14.2682, 15.8326,
14.1122

307.9626,
330.3021, 334.9377

8.3904, 9.4058,
8.0591

364.9830,

4.3996, 5.0068,

391.0458, 398.0986

4.0445

428.6401,
458.8144, 468.7389

■ 1.9306, 2.2513,
1.6498

■ 0.5945, 0.7477,
0.3260

■ 84.7508, 91.8382,
89.6036

■ 84.7508, 91.8382,
89.6036

■ 78.3616, 88.9258,
72.1948

■ 91.5133, 94.9245,
108.1067

■ 72.6064, 86.2826,
57.3008

■ 92.8592, 95.6184,
108.1697

■ 67.4632, 83.9025,
44.8066

■ 62.9057, 81.7744,
34.5863

■ 58.9050, 79.8868,
26.5021

■ 55.4297, 78.2267,
20.4016

■ 52.4443, 76.7795,
16.1121

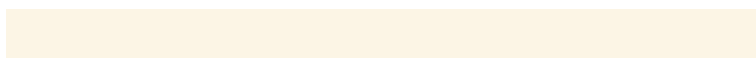
■ 49.9076, 75.5284,
13.4311

■ 47.7686, 74.4529,
12.1058

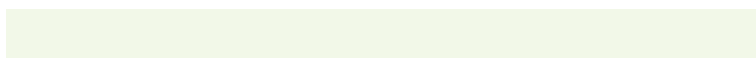
Harmonies

Analogous

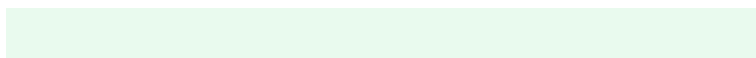
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9508, 91.8382, 87.5491



84.7508, 91.8382, 89.6036



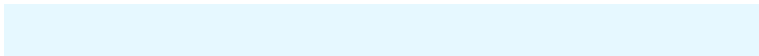
83.2520, 91.8382, 94.4420

Triad

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



84.7508, 91.8382, 89.6036



85.3279, 91.8382, 112.2081



91.9087, 91.8382, 99.0283

Complementary

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



84.7508, 91.8382, 89.6036



81.0633, 82.6701, 100.4961

Split Complementary

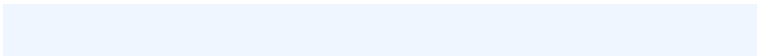
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4554, 91.8382, 105.7640



84.7508, 91.8382, 89.6036



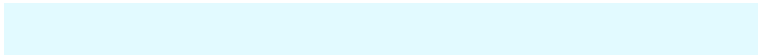
87.6289, 91.8382, 113.5704

Square

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



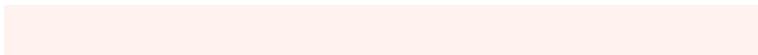
84.7508, 91.8382, 89.6036



83.5809, 91.8382, 107.5195



89.8783, 91.8382, 111.1628



91.1061, 91.8382, 92.8323

Rectangle

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



84.7508, 91.8382, 89.6036



82.8374, 91.8382, 98.7002



89.8783, 91.8382, 111.1628



91.8983, 91.8382, 101.3034

Sweetspot

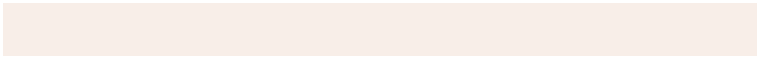
The Sweet Spot groups the original color and five complimentary colors.



84.7533, 91.8422, 89.6056



93.5392, 99.3147, 104.5999



83.8159, 86.8572, 88.6928



20.0371, 21.2646, 22.4337



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.



84.7533, 91.8422, 89.6056



89.1776, 97.3322, 92.3814



82.1112, 90.4801, 89.4819



18.0594, 19.8464, 18.3413



25.5910, 40.1110, 6.3934



2.4876, 3.7755, 0.5976

Inverse Universe

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



81.0633, 82.6701, 100.4961



84.3491, 85.3301, 106.6324



83.7624, 84.0616, 100.6224



16.8983, 16.9602, 21.7683



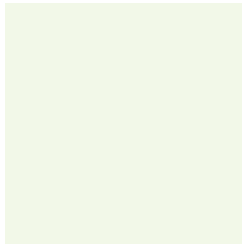
11.7365, 4.9931, 48.3187



1.2002, 0.5208, 4.4804

Previews

White Background



This preview shows how the XYZ color 84.7508, 91.8382, 89.6036 looks on a white background.

Color Contrast Check

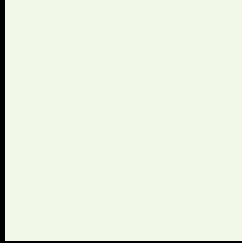
Large Text (above 18pt) WCAG AA × Fail

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 84.7508, 91.8382, 89.6036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

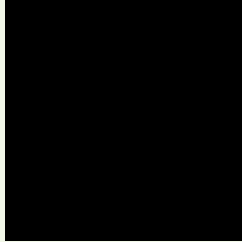
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

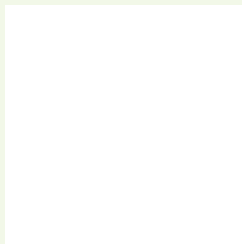
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7508, 91.8382, 89.6036

Background



This preview shows how black text looks on a background with the XYZ color 84.7508, 91.8382, 89.6036.



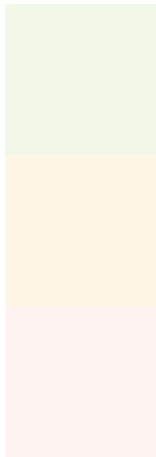
This preview shows how white text looks on a background with the XYZ color 84.7508, 91.8382,

89.636.

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

84.7508, 91.8382, 89.6036

Protanopia

87.4433, 91.9006, 87.9927

Deuteranopia

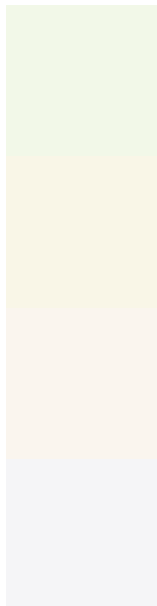
89.3176, 91.7720, 97.0106



Tritanopia

88.4067, 91.5142, 107.6122

Trichromacy



Original Color

84.7508, 91.8382, 89.6036

Protanomaly

86.4465, 91.8208, 88.7683

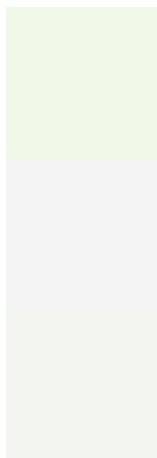
Deuteranomaly

87.5094, 91.8019, 93.9962

Tritanomaly

87.0971, 91.4327, 101.0535

Monochromacy



Original Color

84.7508, 91.8382, 89.6036

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.3427, 90.6508, 95.4374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7508, 91.8382, 89.6036 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(242, 248, 232) looks like.

```
.text, #text, p{  
    color:rgb(242, 248, 232)  
}
```

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(242, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 248, 232) }
```

Border

The CSS property to change the border of an element to XYZ 84.7508, 91.8382, 89.6036 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(242, 248, 232) }
```


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

```
.border{ border-color:rgb(242, 248, 232) }
```

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

Here you see how a box with a 4 pixel rgb(242, 248, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 248, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 248, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 248,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7508, 91.8382, 89.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 248, 232) }
```

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

```
.background{ background-color: rgb(242,  
248, 232) }
```

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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