

Converting Colors

XYZ(87.9087, 93.7550, 97.4676)

Have a look what the booklet for
XYZ(87.9087, 93.7550, 97.4676)
contains.

XYZ(87.9087, 93.7550, 97.4676)	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(87.9087, 93.7550,
97.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F9F2
RGB	246, 249, 242
RGB Percent	96%, 98%, 95%
CMY	0.0353, 0.0235, 0.0510
CMYK	0.01, 0.00, 0.03, 0.02
HSL	86°, 37%, 96%
HSV	86°, 3%, 98%
XYZ	87.9087, 93.7550, 97.4676
YIQ	247.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

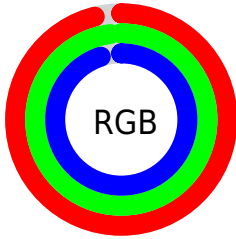
Format	Color
R _Y B	242, 249, 245
Decimal	16185842
CIE Lab	97.53, -2.21, 3.00
CIE LCh	98, 3.724, 126.434
Yxy	93.7550, 0.3149, 0.3359
Android (android.graphics.Color)	4294375922 (0xFF6F9F2)
YUV	247.3050, -2.6154, -1.1445
Hunter-Lab	96.8272, -7.3887, 8.0969

Details

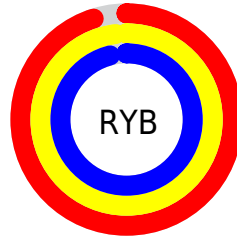
The XYZ color 87.9087, 93.7550, 97.4676 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.5108, 89.7588, 102.3930, and the grayscale version is 88.6789, 93.2971, 101.6005.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1681, 52.6322, 54.0220 is the 20% darker color. If you saturate the color by 10%, you get 80.7818, 90.4868, 78.9227, and if you desaturate by 10%, it is 93.1675, 96.2350, 108.2725.

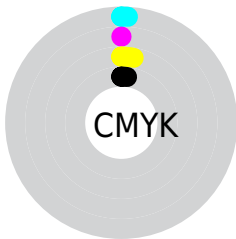
Distribution



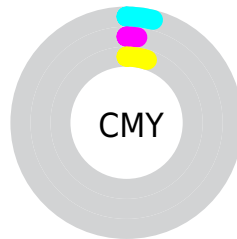
- Red (96%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9087, 93.7550, 97.4676 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 87.9087, 93.7550, 97.4676 by changing the saturation by 10% instead.

87.9087, 93.7550,
97.4676

87.9087, 93.7550,
97.4676

509.5441,
540.1715, 573.2198

66.5780, 71.0992,
73.5823

143.3232,
152.5435, 159.6941

49.0112, 52.4232,
53.9575

178.1377,
189.4449, 198.8723

34.8429, 37.3425,
38.1747

218.1776,
231.8637, 243.9853

23.7079, 25.4728,
25.8154

263.8081,
280.1842, 295.4515

15.2406, 16.4296,
16.4611

315.3947,
334.7909, 353.6896

9.0758, 9.8287,
9.6931

373.3026,

4.8482, 5.2855,

396.0680, 419.1179

5.0930

437.8973,
464.4001, 492.1552

■ 2.1923, 2.4157,
2.2423

■ 0.7387, 0.8340,
0.6986

■ 87.9087, 93.7550,
97.4676

■ 87.9087, 93.7550,
97.4676

■ 80.7818, 90.4868,
78.9227

■ 93.1675, 96.2350,
108.2725

■ 74.3530, 87.5193,
62.9598

■ 68.5995, 84.8459,
49.4661

■ 63.4939, 82.4554,
38.3177

■ 59.0070, 80.3354,
29.3801

■ 55.1065, 78.4728,
22.5052

■ 51.7569, 76.8527,
17.5268

■ 48.9174, 75.4585,
14.2527

■ 46.5396, 74.2700,
12.4505

Harmonies

Analogous

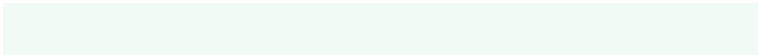
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8836, 93.7550, 96.4030



87.9087, 93.7550, 97.4676



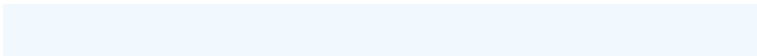
87.2598, 93.7550, 99.7717

Triad

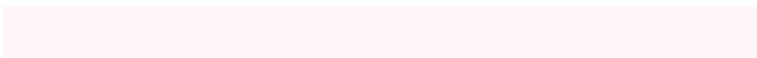
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9087, 93.7550, 97.4676



88.3005, 93.7550, 107.5167



91.1480, 93.7550, 101.4319

Complementary

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



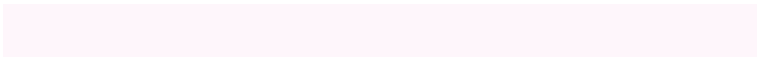
87.9087, 93.7550, 97.4676



86.5108, 89.7588, 102.3930

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.



90.9889, 93.7550, 104.4302



87.9087, 93.7550, 97.4676



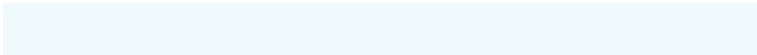
89.3394, 93.7550, 107.9824

Square

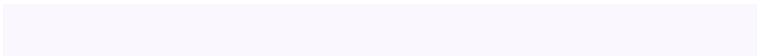
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



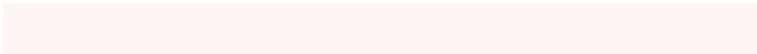
87.9087, 93.7550, 97.4676



87.4847, 93.7550, 105.5823



90.3248, 93.7550, 106.8424



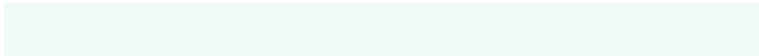
90.7579, 93.7550, 98.6624

Rectangle

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



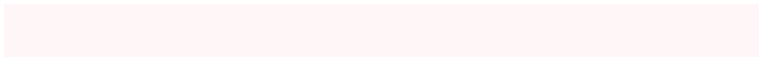
87.9087, 93.7550, 97.4676



87.0965, 93.7550, 101.7213



90.3248, 93.7550, 106.8424



91.1570, 93.7550, 102.4461

Sweetspot

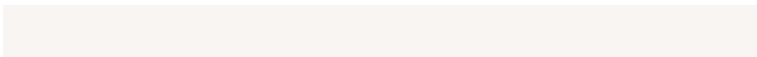
The Sweet Spot groups the original color and five complimentary colors.



87.9113, 93.7590, 97.4696



94.2408, 99.6300, 106.7333



87.7246, 91.8082, 97.1029



20.1800, 21.3288, 22.8681



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.



87.9113, 93.7590, 97.4696



92.6456, 98.9000, 102.4858



86.7240, 93.1470, 97.4141



18.8552, 20.2061, 20.6604



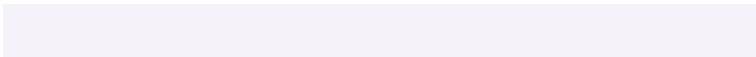
24.2878, 39.4391, 6.3324



2.3708, 3.7153, 0.5922

Inverse Universe

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



86.5108, 89.7588, 102.3930



91.0689, 94.3967, 108.0283



87.7137, 90.3789, 102.4493



18.4488, 19.0454, 22.0891



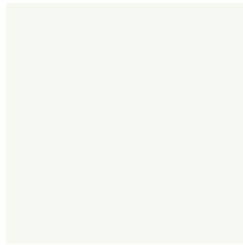
12.5413, 5.4080, 48.3564



1.2802, 0.5620, 4.4842

Previews

White Background



This preview shows how the XYZ color 87.9087, 93.7550, 97.4676 looks on a white background.

Color Contrast Check

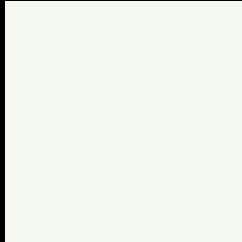
Large Text (above 18pt) WCAG AA × Fail

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 87.9087, 93.7550, 97.4676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

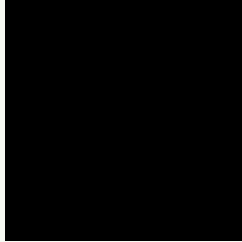
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

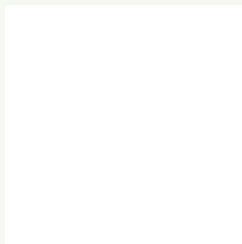
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9087, 93.7550, 97.4676

Background



This preview shows how black text looks on a background with the XYZ color 87.9087, 93.7550, 97.4676.



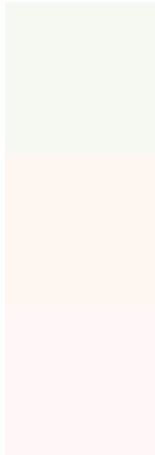
This preview shows how white text looks on a background with the XYZ color 87.9087, 93.7550,

97.476.

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

87.9087, 93.7550, 97.4676

Protanopia

90.0110, 93.9432, 96.6079

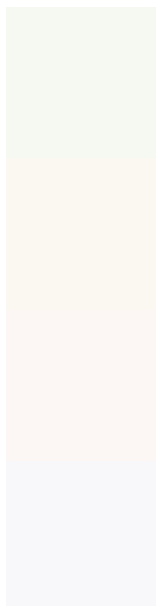
Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

90.3777, 93.8813, 107.9652

Trichromacy



Original Color

87.9087, 93.7550, 97.4676

Protanomaly

89.2282, 93.9949, 96.6591

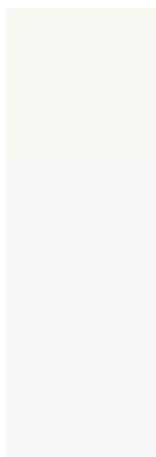
Deuteranomaly

89.8871, 93.8095, 99.7557

Tritanomaly

89.5341, 93.9934, 103.8661

Monochromacy



Original Color

87.9087, 93.7550, 97.4676

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4066, 93.5015, 99.7743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9087, 93.7550, 97.4676 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(246, 249, 242) looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 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(246, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 242) }
```

Border

The CSS property to change the border of an element to XYZ 87.9087, 93.7550, 97.4676 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(246, 249, 242) }
```


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

```
.border{ border-color:rgb(246, 249, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9087, 93.7550, 97.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 242) }
```

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

```
.background{ background-color: rgb(246,  
249, 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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