

Converting Colors

XYZ(87.6208, 94.1178, 99.5528)

Have a look what the booklet for
XYZ(87.6208, 94.1178, 99.5528)
contains.

XYZ(87.6292, 94.0185, 99.9150)	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(87.6292, 94.0185,
99.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FAF5
RGB	243, 250, 245
RGB Percent	95%, 98%, 96%
CMY	0.0471, 0.0196, 0.0392
CMYK	0.03, 0.00, 0.02, 0.02
HSL	137°, 41%, 97%
HSV	137°, 3%, 98%
XYZ	87.6292, 94.0185, 99.9150
YIQ	247.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

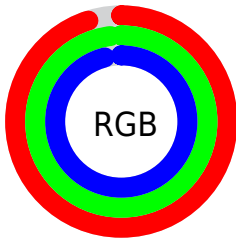
Format	Color
R_{YB}	243, 248, 250
Decimal	15989493
CIE _{Lab}	97.64, -3.19, 1.58
CIE _{LCh}	98, 3.556, 153.638
Yxy	94.0185, 0.3112, 0.3339
Android (android.graphics.Color)	4294179573 (0xFFFF3FAF5)
YUV	247.3370, -1.1521, -3.8035
Hunter-Lab	96.9631, -8.3684, 6.7792

Details

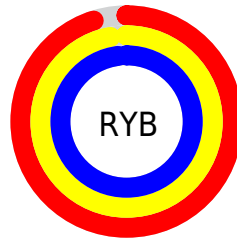
The XYZ color 87.6292, 94.0185, 99.9150 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.4217, 91.2049, 101.7557, and the grayscale version is 88.6952, 93.3142, 101.6192.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.9706, 52.8225, 55.7588 is the 20% darker color. If you saturate the color by 10%, you get 76.9857, 88.8343, 85.8636, and if you desaturate by 10%, it is 93.4774, 96.8549, 108.3758.

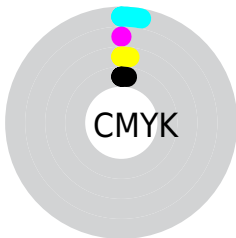
Distribution



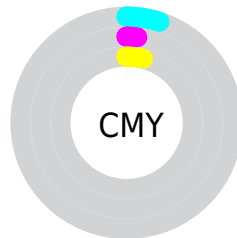
- Red (95%)
- Green (98%)
- Blue (96%)



- Red (95%)
- Yellow (97%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.6292, 94.0185, 99.9150 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 87.6292, 94.0185, 99.9150 by changing the saturation by 10% instead.

87.6292, 94.0185,
99.9150

87.6292, 94.0185,
99.9150

508.6418,
541.0180, 581.1645

66.3458, 71.3183,
75.6131

142.9360,
152.9079, 163.0912

48.8219, 52.6020,
55.6105

177.6901,
189.8660, 202.8026

34.6922, 37.4852,
39.4888

217.6651,
232.3455, 248.4875

23.5913, 25.5834,
26.8295

263.2264,
280.7308, 300.5646

15.1538, 16.5122,
17.2139

314.7394,
335.4063, 359.4522

9.0144, 9.8873,
10.2235

372.5694,

4.8078, 5.3243,

396.7564, 425.5691

5.4399

437.0817,
465.1655, 499.3336

■ 2.1685, 2.4388,
2.4444

■ 0.7261, 0.8457,
0.8105

■ 87.6292, 94.0185,
99.9150

■ 87.6292, 94.0185,
99.9150

■ 76.9857, 88.8343,
85.8636

■ 93.4774, 96.8549,
108.3758

■ 67.7230, 84.3296,
73.2104

■ 59.7858, 80.4797,
61.9142

■ 53.1117, 77.2531,
51.9295

■ 47.6333, 74.6163,
43.2085

■ 43.2767, 72.5320,
35.7002

■ 39.9595, 70.9591,
29.3502

■ 37.5872, 69.8499,
24.1000

■ 36.0467, 69.1474,
19.8853

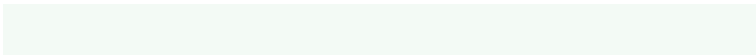
Harmonies

Analogous

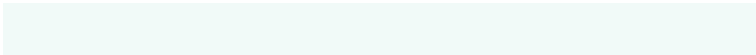
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2880, 94.0185, 97.7993



87.6292, 94.0185, 99.9150



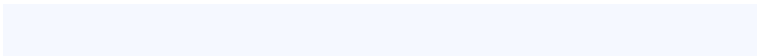
87.4334, 94.0185, 102.7243

Triad

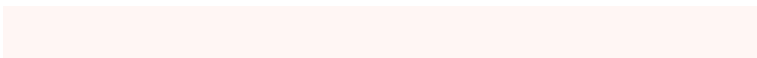
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6292, 94.0185, 99.9150



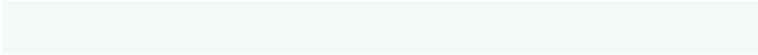
89.4853, 94.0185, 108.0343



90.9920, 94.0185, 99.3134

Complementary

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



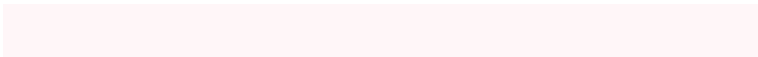
87.6292, 94.0185, 99.9150



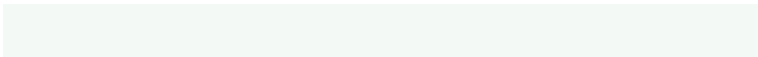
88.4217, 91.2049, 101.7557

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.



91.3182, 94.0185, 102.0169



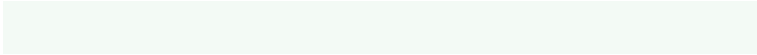
87.6292, 94.0185, 99.9150



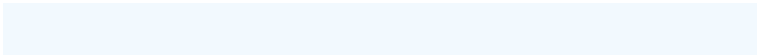
90.4442, 94.0185, 107.0813

Square

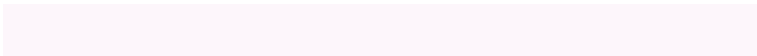
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



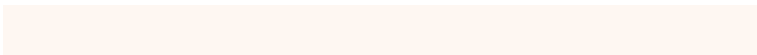
87.6292, 94.0185, 99.9150



88.5003, 94.0185, 107.4462



91.1170, 94.0185, 104.8652



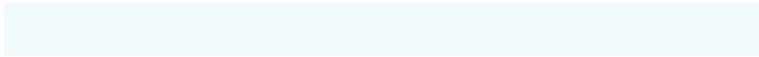
90.2288, 94.0185, 97.4566

Rectangle

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



87.6292, 94.0185, 99.9150



87.5906, 94.0185, 104.6214



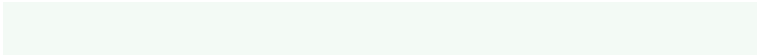
91.1170, 94.0185, 104.8652



91.1566, 94.0185, 100.1514

Sweetspot

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



87.6319, 94.0225, 99.9171



93.8261, 99.4028, 107.3189



89.0843, 94.8064, 98.3996



20.0955, 21.2826, 22.9873



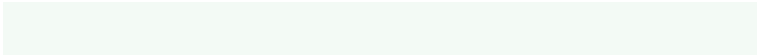
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

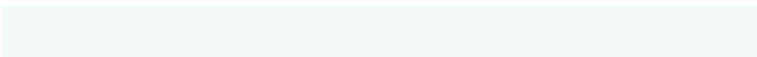
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6319, 94.0225, 99.9171



91.4237, 98.2308, 104.2021



88.1693, 94.2375, 102.7473



18.5409, 20.0340, 21.1011



18.7963, 36.5315, 9.5363



1.7844, 3.4009, 1.1124

Inverse Universe

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



88.4217, 91.2049, 101.7557



92.3081, 95.0759, 106.2608



87.8856, 90.9905, 98.9328



18.7688, 19.2208, 21.6317



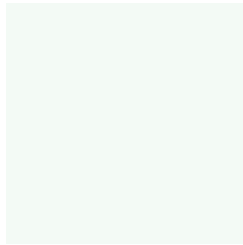
25.2722, 12.5246, 23.9395



2.3863, 1.1782, 2.4574

Previews

White Background



This preview shows how the XYZ color 87.6292, 94.0185, 99.9150 looks on a white background.

Color Contrast Check

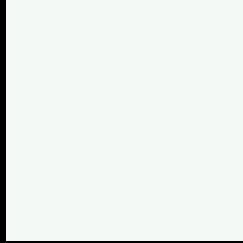
Large Text (above 18pt) WCAG AA × Fail

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 87.6292, 94.0185, 99.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

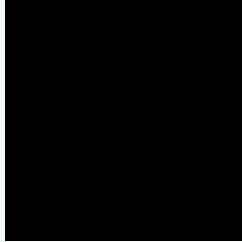
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

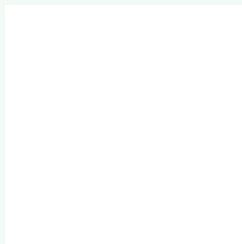
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.6292, 94.0185, 99.9150

Background



This preview shows how black text looks on a background with the XYZ color 87.6292, 94.0185, 99.9150.



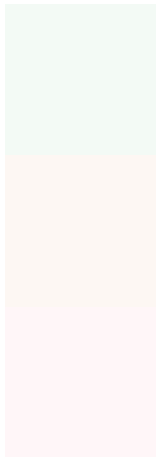
This preview shows how white text looks on a background with the XYZ color 87.6292, 94.0185,

99.9 50.

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

87.6292, 94.0185, 99.9150

Protanopia

89.9464, 93.8752, 98.1731

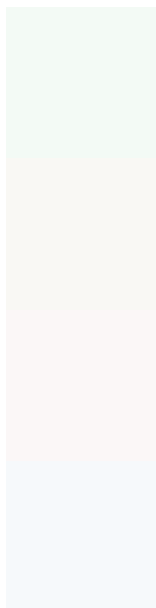
Deuteranopia

91.1390, 93.9488, 102.1373

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

87.6292, 94.0185, 99.9150

Protanomaly

88.9635, 93.8062, 99.0055

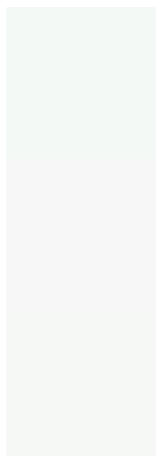
Deuteranomaly

89.8329, 93.7462, 101.3558

Tritanomaly

89.2943, 94.3092, 104.7640

Monochromacy



Original Color

87.6292, 94.0185, 99.9150

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2080, 93.3815, 100.5641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6292, 94.0185, 99.9150 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(243, 250, 245) looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 245)  
}
```

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(243, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 245) }
```

Border

The CSS property to change the border of an element to XYZ 87.6292, 94.0185, 99.9150 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(243, 250, 245) }
```


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

```
.border{ border-color:rgb(243, 250, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 250, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 250, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 250, 245); box-shadow:4px 4px 4px 4px rgb(243, 250, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6292, 94.0185, 99.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 245) }
```

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

```
.background{ background-color: rgb(243,  
250, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor