

Converting Colors

XYZ(84.3498, 91.6899, 97.9405)

Have a look what the booklet for
XYZ(84.3498, 91.6899, 97.9405)
contains.

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Color

**XYZ(84.6454, 92.0553,
98.1012)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF9F3
RGB	236, 249, 243
RGB Percent	93%, 98%, 95%
CMY	0.0745, 0.0235, 0.0471
CMYK	0.05, 0.00, 0.02, 0.02
HSL	152°, 52%, 95%
HSV	152°, 5%, 98%
XYZ	84.6454, 92.0553, 98.1012
YIQ	244.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

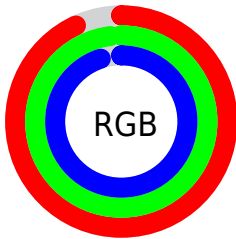
Format	Color
R _Y B	236, 244, 249
Decimal	15530483
CIE Lab	96.84, -5.34, 1.39
CIE LCh	97, 5.518, 165.421
Yxy	92.0553, 0.3080, 0.3350
Android (android.graphics.Color)	4293720563 (0xFFE9CF9F)
YUV	244.4290, -0.7045, -7.3922
Hunter-Lab	95.9455, -10.4275, 6.5397

Details

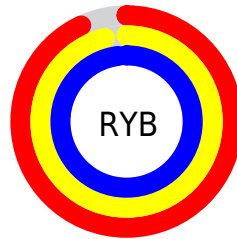
The XYZ color **84.6454, 92.0553, 98.1012** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.0927, 86.5438, 96.2285**, and the grayscale version is **86.3436, 90.8402, 98.9250**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8620, 51.4311, 54.4710** is the 20% darker color. If you saturate the color by 10%, you get **75.2657, 87.4168, 88.8822**, and if you desaturate by 10%, it is **93.0868, 96.2026, 107.8476**.

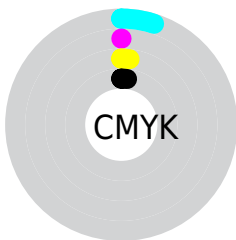
Distribution



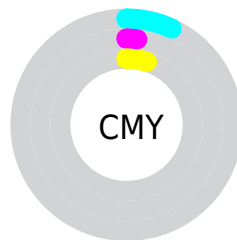
- Red (93%)
- Green (98%)
- Blue (95%)



- Red (93%)
- Yellow (96%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6454, 92.0553, 98.1012 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 84.6454, 92.0553, 98.1012 by changing the saturation by 10% instead.

84.6454, 92.0553,
98.1012

84.6454, 92.0553,
98.1012

498.9553,
534.6942, 575.2822

63.8699, 69.6866,
74.1077

138.7942,
150.1900, 160.5744

46.8066, 51.2710,
54.3849

172.8983,
186.7248, 199.8912

33.0901, 36.4244,
38.5142

212.1760,
228.7504, 245.1528

22.3551, 24.7621,
26.0771

256.9925,
276.6512, 296.7777

14.2361, 15.8999,
16.6550

307.7134,
330.8116, 355.1846

8.3678, 9.4534,
9.8295

364.7039,

4.3850, 5.0381,

391.6159, 420.7920

5.1819

428.3295,
459.4487, 494.0183

■ 1.9222, 2.2696,
2.2938

■ 0.5897, 0.7576,
0.7277

■ 84.6454, 92.0553,
98.1012

■ 84.6454, 92.0553,
98.1012

■ 75.2657, 87.4168,
88.8822

■ 93.0868, 96.2026,
107.8476

■ 67.0953, 83.3869,
80.2753

■ 93.1675, 96.2349,
108.2725

■ 60.0842, 79.9425,
72.2692

■ 54.1756, 77.0546,
64.8505

■ 49.3078, 74.6916,
58.0051

■ 45.4127, 72.8187,
51.7180

■ 42.4136, 71.3967,
45.9738

■ 40.2215, 70.3798,
40.7557

■ 38.7269, 69.7120,
36.0456

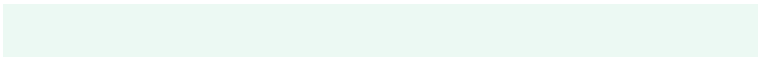
Harmonies

Analogous

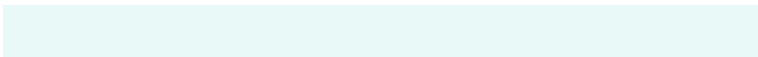
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3918, 92.0553, 94.3651



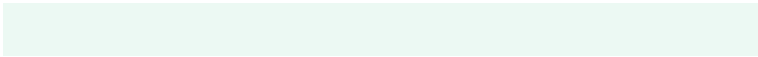
84.6454, 92.0553, 98.1012



84.6565, 92.0553, 102.5175

Triad

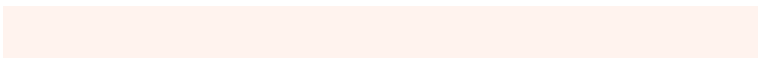
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6454, 92.0553, 98.1012



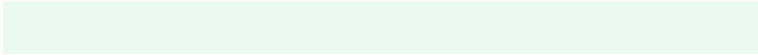
88.2900, 92.0553, 108.6806



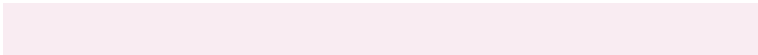
89.6026, 92.0553, 94.2799

Complementary

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



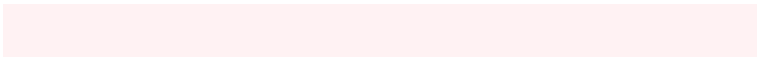
84.6454, 92.0553, 98.1012



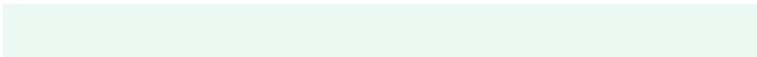
85.0927, 86.5438, 96.2285

Split Complementary

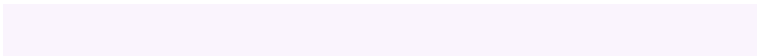
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3979, 92.0553, 97.9819



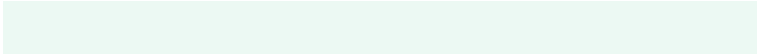
84.6454, 92.0553, 98.1012



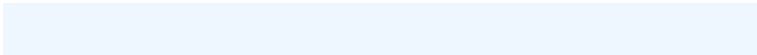
89.6340, 92.0553, 106.3384

Square

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



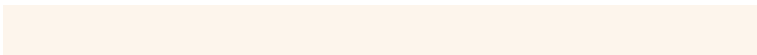
84.6454, 92.0553, 98.1012



86.7484, 92.0553, 108.7148



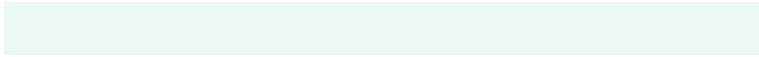
90.4095, 92.0553, 102.3946



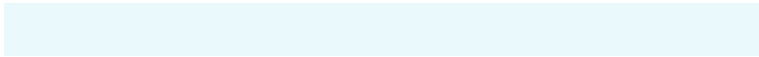
88.2475, 92.0553, 92.2034

Rectangle

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



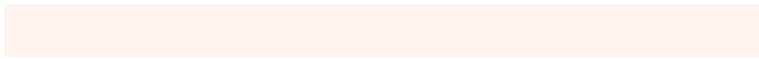
84.6454, 92.0553, 98.1012



85.0915, 92.0553, 105.2571



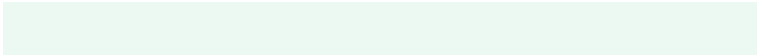
90.4095, 92.0553, 102.3946



89.9450, 92.0553, 95.3706

Sweetspot

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



84.6480, 92.0592, 98.1032



92.8217, 98.8948, 106.8289



85.6601, 92.7008, 92.7364



19.8910, 21.1791, 22.8876



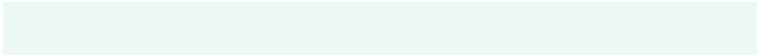
0.0000, 0.0000, 0.0000



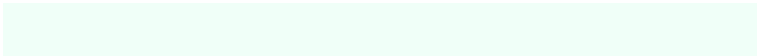
20.3446, 21.4041, 23.3091

Same Dimension

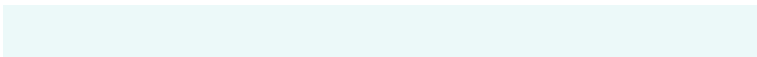
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6480, 92.0592, 98.1032



88.5268, 96.7661, 102.7668



85.4360, 92.1603, 102.9130



18.0026, 19.7599, 20.9260



20.5105, 37.2172, 18.5636



1.9532, 3.4684, 2.0013

Inverse Universe

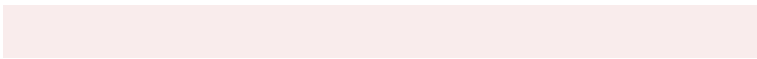
The Inverse Universe completely reimagines the original color for something new.



85.0927, 86.5438, 96.2285



89.0639, 90.1045, 100.5026



84.3304, 86.4388, 91.5978



18.1239, 18.2559, 20.4148



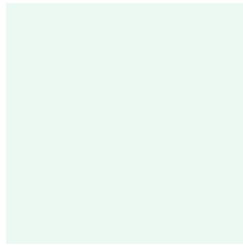
22.6372, 11.4706, 10.0639



2.1495, 1.0835, 1.2106

Previews

White Background



This preview shows how the XYZ color 84.6454, 92.0553, 98.1012 looks on a white background.

Color Contrast Check

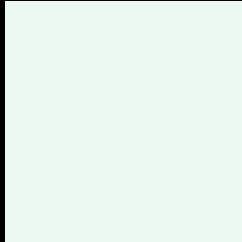
Large Text (above 18pt) WCAG AA × Fail

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 84.6454, 92.0553, 98.1012 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

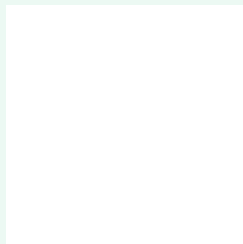
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.6454, 92.0553, 98.1012

Background



This preview shows how black text looks on a background with the XYZ color 84.6454, 92.0553, 98.1012.

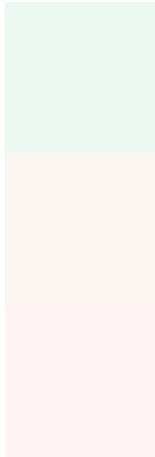


This preview shows how white text looks on a background with the XYZ color 84.6454, 92.0553,

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

84.6454, 92.0553, 98.1012

Protanopia

88.1642, 92.1053, 95.5694

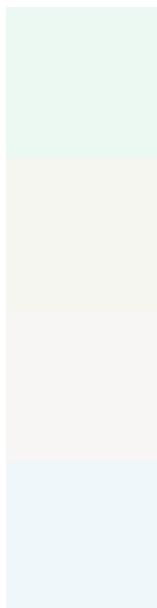
Deuteranopia

89.9251, 92.0150, 100.2099

Tritanopia

87.9679, 92.1862, 107.7651

Trichromacy



Original Color

84.6454, 92.0553, 98.1012

Protanomaly

86.8390, 91.8552, 96.3720

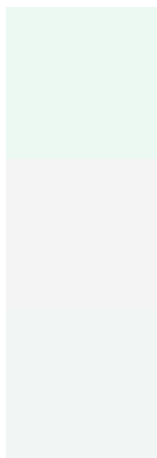
Deuteranomaly

87.8452, 91.8538, 99.4858

Tritanomaly

86.6085, 92.0118, 104.4621

Monochromacy



Original Color

84.6454, 92.0553, 98.1012

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.5605, 91.1440, 98.6710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6454, 92.0553, 98.1012 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(236, 249, 243)` looks like.

```
.text, #text, p{  
    color:rgb(236, 249, 243)  
}
```

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(236, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 249, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.6454, 92.0553, 98.1012 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(236, 249, 243) }
```


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

```
.border{ border-color:rgb(236, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(236, 249,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6454, 92.0553, 98.1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 249, 243) }
```

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

```
.background{ background-color: rgb(236,  
249, 243) }
```

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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