

Converting Colors

XYZ(85.0897, 92.8581, 98.1818)

Have a look what the booklet for
XYZ(85.0897, 92.8581, 98.1818)
contains.

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Color

**XYZ(84.9553, 92.6751,
98.2045)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFAF3
RGB	236, 250, 243
RGB Percent	93%, 98%, 95%
CMY	0.0745, 0.0196, 0.0471
CMYK	0.06, 0.00, 0.03, 0.02
HSL	150°, 58%, 95%
HSV	150°, 6%, 98%
XYZ	84.9553, 92.6751, 98.2045
YIQ	245.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

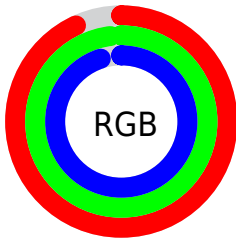
Format	Color
R _Y B	236, 245, 250
Decimal	15530739
CIE Lab	97.10, -5.84, 1.76
CIE LCh	97, 6.101, 163.266
Yxy	92.6751, 0.3080, 0.3360
Android (android.graphics.Color)	4293720819 (0xFFEFCFAF3)
YUV	245.0160, -0.9939, -7.9070
Hunter-Lab	96.2679, -10.9447, 6.9048

Details

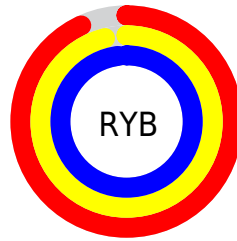
The XYZ color **84.9553, 92.6751, 98.2045** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6008, 86.7883, 97.0385**, and the grayscale version is **86.8174, 91.3387, 99.4678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0838, 51.8747, 54.5449** is the 20% darker color. If you saturate the color by 10%, you get **75.4047, 87.9650, 88.2350**, and if you desaturate by 10%, it is **93.4774, 96.8547, 108.3758**.

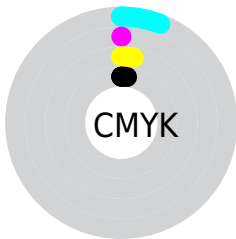
Distribution



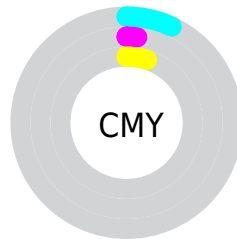
- Red (93%)
- Green (98%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.9553, 92.6751, 98.2045 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 84.9553, 92.6751, 98.2045 by changing the saturation by 10% instead.

84.9553, 92.6751,
98.2045

84.9553, 92.6751,
98.2045

499.9660,
536.6950, 575.6181

64.1268, 70.2015,
74.1934

139.2251,
151.0487, 160.7179

47.0155, 51.6908,
54.4546

173.3971,
187.7175, 200.0572

33.2559, 36.7587,
38.5696

212.7476,
229.8868, 245.3430

22.4827, 25.0207,
26.1198

257.6421,
277.9411, 296.9938

14.3306, 16.0925,
16.6867

308.4458,
332.2646, 355.4282

8.4342, 9.5896,
9.8518

365.5241,

4.4281, 5.1277,

393.2418, 421.0647

5.1965

429.2424,
461.2571, 494.3218

■ 1.9471, 2.3224,
2.3023

■ 0.6040, 0.7855,
0.7325

■ 84.9553, 92.6751,
98.2045

■ 84.9553, 92.6751,
98.2045

■ 75.4047, 87.9650,
88.2350

■ 93.4774, 96.8547,
108.3758

■ 67.0914, 83.8756,
78.9795

■ 59.9641, 80.3833,
70.4240

■ 53.9649, 77.4586,
62.5516

■ 49.0304, 75.0692,
55.3446

■ 45.0910, 73.1795,
48.7847

■ 42.0682, 71.7494,
42.8525

■ 39.8707, 70.7321,
37.5272

■ 38.3862, 70.0702,
32.7865

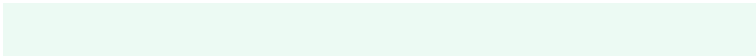
Harmonies

Analogous

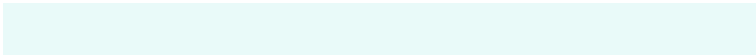
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8374, 92.6751, 94.1658



84.9553, 92.6751, 98.2045



84.9047, 92.6751, 103.0967

Triad

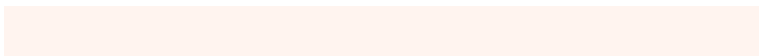
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9553, 92.6751, 98.2045



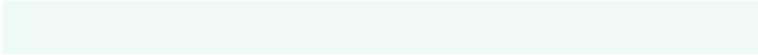
88.8460, 92.6751, 110.4107



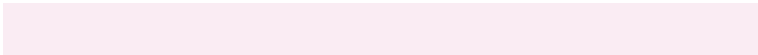
90.5154, 92.6751, 94.5535

Complementary

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



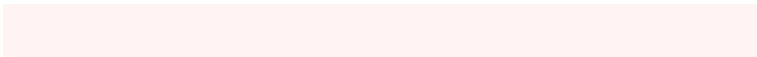
84.9553, 92.6751, 98.2045



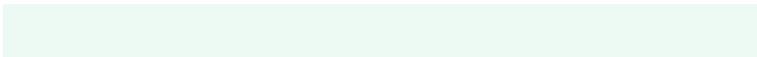
85.6008, 86.7883, 97.0385

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.



91.3435, 92.6751, 98.7494



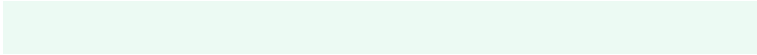
84.9553, 92.6751, 98.2045



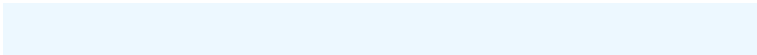
90.3713, 92.6751, 107.9634

Square

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



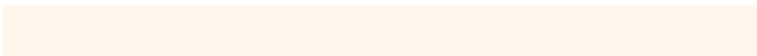
84.9553, 92.6751, 98.2045



87.1360, 92.6751, 110.2532



91.2904, 92.6751, 103.6595



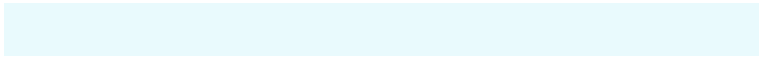
89.0407, 92.6751, 92.1053

Rectangle

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



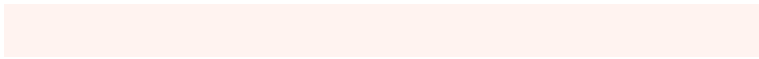
84.9553, 92.6751, 98.2045



85.3482, 92.6751, 106.1929



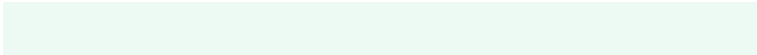
91.2904, 92.6751, 103.6595



90.8795, 92.6751, 95.8003

Sweetspot

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



84.9579, 92.6790, 98.2065



92.7905, 98.8823, 106.6648



86.3719, 93.5278, 92.8585



19.8847, 21.1766, 22.8542



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

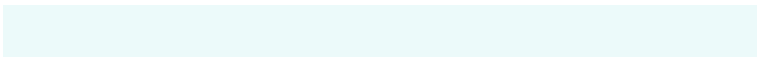
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9579, 92.6790, 98.2065



87.3809, 96.2086, 101.2119



85.9996, 93.0957, 103.6920



17.7786, 19.6512, 20.6096



20.1681, 37.0803, 16.7606



1.9214, 3.4557, 1.8340

Inverse Universe

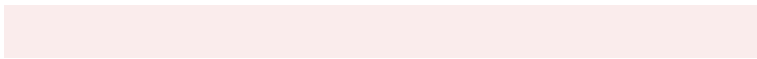
The Inverse Universe completely reimagines the original color for something new.



85.6008, 86.7883, 97.0385



88.2141, 88.5738, 99.6981



84.5968, 86.3867, 91.7516



17.9630, 17.9621, 20.2747



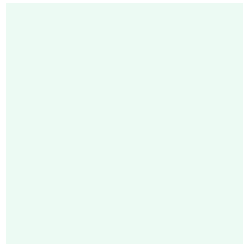
22.9492, 11.5954, 11.7066



2.1790, 1.0953, 1.3660

Previews

White Background



This preview shows how the XYZ color 84.9553, 92.6751, 98.2045 looks on a white background.

Color Contrast Check

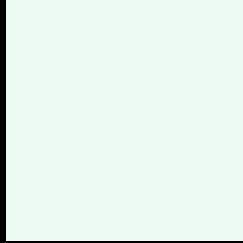
Large Text (above 18pt) WCAG AA × Fail

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 84.9553, 92.6751, 98.2045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

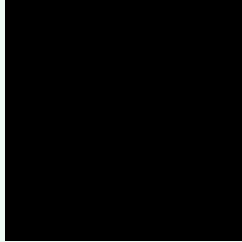
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

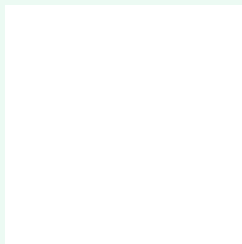
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.9553, 92.6751, 98.2045

Background



This preview shows how black text looks on a background with the XYZ color 84.9553, 92.6751, 98.2045.



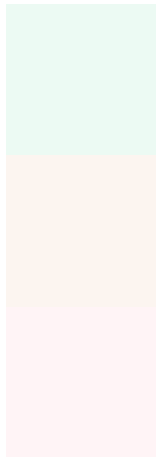
This preview shows how white text looks on a background with the XYZ color 84.9553, 92.6751,

98.245.

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

84.9553, 92.6751, 98.2045

Protanopia

88.5255, 92.2915, 95.5863

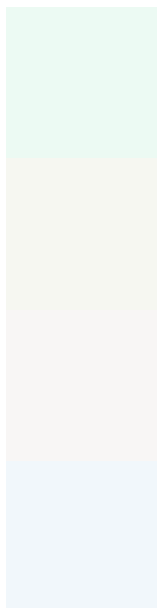
Deuteranopia

90.2252, 92.6152, 100.3099

Tritanopia

88.3140, 92.3646, 107.7813

Trichromacy



Original Color

84.9553, 92.6751, 98.2045

Protanomaly

87.1440, 92.4652, 96.4737

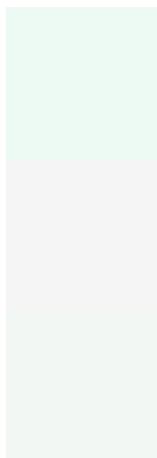
Deuteranomaly

88.1486, 92.4606, 99.5869

Tritanomaly

86.9490, 92.1873, 104.4780

Monochromacy



Original Color

84.9553, 92.6751, 98.2045

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.2078, 91.9304, 98.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9553, 92.6751, 98.2045 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, 250, 243) looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 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, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.9553, 92.6751, 98.2045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

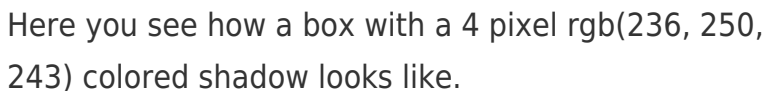
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 250, 243) }
```


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

```
.border{ border-color:rgb(236, 250, 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, 250, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9553, 92.6751, 98.2045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 243) }
```

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

```
.background{ background-color: rgb(236,  
250, 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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