

Converting Colors

XYZ(84.9906, 92.4403, 97.1312)

Have a look what the booklet for
XYZ(84.9906, 92.4403, 97.1312)
contains.

XYZ(84.8277, 92.1667, 97.3235)	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(84.8277, 92.1667,
97.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF9F2
RGB	237, 249, 242
RGB Percent	93%, 98%, 95%
CMY	0.0706, 0.0235, 0.0510
CMYK	0.05, 0.00, 0.03, 0.02
HSL	145°, 50%, 95%
HSV	145°, 5%, 98%
XYZ	84.8277, 92.1667, 97.3235
YIQ	244.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

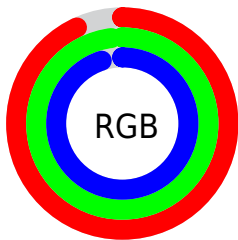
Format	Color
R _Y B	237, 245, 249
Decimal	15596018
CIE Lab	96.89, -5.19, 1.98
CIE LCh	97, 5.556, 159.131
Yxy	92.1667, 0.3092, 0.3360
Android (android.graphics.Color)	4293786098 (0xFFEDF9F2)
YUV	244.6140, -1.2887, -6.6775
Hunter-Lab	96.0035, -10.2853, 7.0972

Details

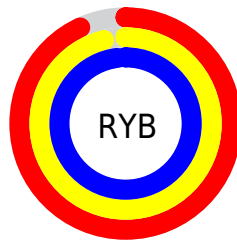
The XYZ color **84.8277, 92.1667, 97.3235** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.6835, 87.2420, 97.9156**, and the grayscale version is **86.4960, 91.0006, 99.0996**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9889, 51.5089, 53.9200** is the 20% darker color. If you saturate the color by 10%, you get **74.9885, 87.3392, 85.9220**, and if you desaturate by 10%, it is **93.1675, 96.2349, 108.2725**.

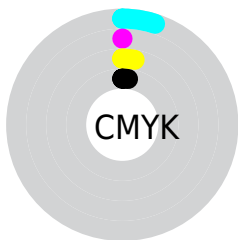
Distribution



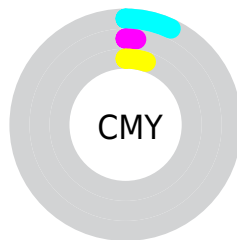
- Red (93%)
- Green (98%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8277, 92.1667, 97.3235 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 84.8277, 92.1667, 97.3235 by changing the saturation by 10% instead.

84.8277, 92.1667,
97.3235

84.8277, 92.1667,
97.3235

499.5500,
535.0541, 572.7502

64.0210, 69.7791,
73.4628

139.0477,
150.3444, 159.4938

46.9295, 51.3465,
53.8603

173.1917,
186.9033, 198.6405

33.1876, 36.4844,
38.0976

212.5123,
228.9548, 243.7196

22.4301, 24.8085,
25.7560

257.3747,
276.8832, 295.1497

14.2917, 15.9345,
16.4171

308.1443,
331.0729, 353.3492

8.4069, 9.4778,
9.6622

365.1865,

4.4104, 5.0541,

391.9084, 418.7368

5.0729

428.8666,
459.7740, 491.7310

■ 1.9368, 2.2791,
2.2306

■ 0.5981, 0.7626,
0.6920

■ 84.8277, 92.1667,
97.3235

■ 84.8277, 92.1667,
97.3235

■ 74.9885, 87.3392,
85.9220

■ 93.1675, 96.2349,
108.2725

■ 66.4233, 83.1463,
75.4623

■ 59.0799, 79.5642,
65.9222

■ 52.8996, 76.5631,
57.2763

■ 47.8185, 74.1106,
49.4982

■ 43.7663, 72.1710,
42.5601

■ 40.6642, 70.7042,
36.4326

■ 38.4207, 69.6637,
31.0842

■ 36.9248, 68.9929,
26.4812

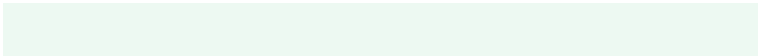
Harmonies

Analogous

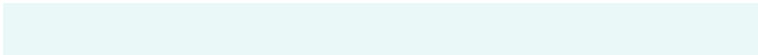
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7216, 92.1667, 93.8342



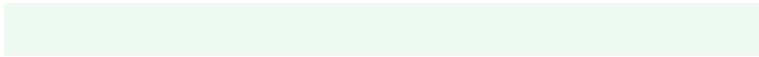
84.8277, 92.1667, 97.3235



84.6723, 92.1667, 101.7237

Triad

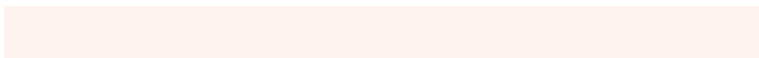
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8277, 92.1667, 97.3235



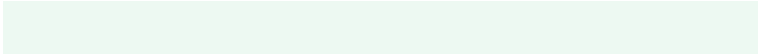
88.0787, 92.1667, 109.0800



89.9500, 92.1667, 95.0276

Complementary

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



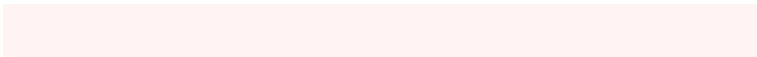
84.8277, 92.1667, 97.3235



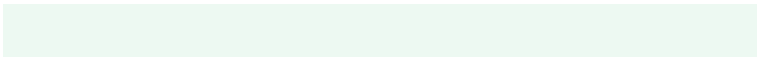
85.6835, 87.2420, 97.9156

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.



90.5978, 92.1667, 98.9964



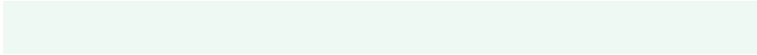
84.8277, 92.1667, 97.3235



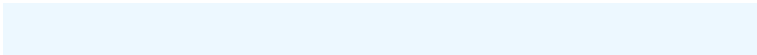
89.5090, 92.1667, 107.1687

Square

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



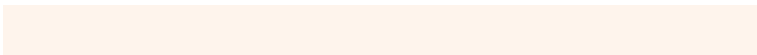
84.8277, 92.1667, 97.3235



86.5371, 92.1667, 108.5998



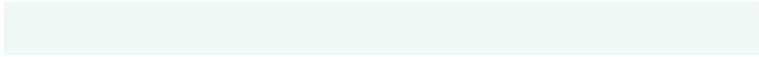
90.4355, 92.1667, 103.4465



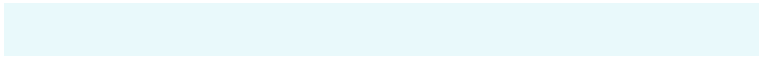
88.6750, 92.1667, 92.5363

Rectangle

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



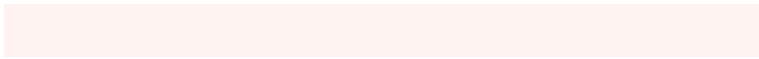
84.8277, 92.1667, 97.3235



85.0066, 92.1667, 104.5957



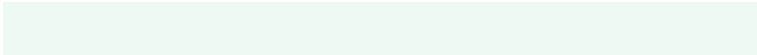
90.4355, 92.1667, 103.4465



90.2490, 92.1667, 96.2283

Sweetspot

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



84.8303, 92.1706, 97.3255



93.8794, 99.4241, 107.5997



86.5428, 93.1391, 93.5382



20.1064, 21.2869, 23.0445



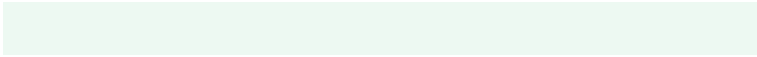
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



84.8303, 92.1706, 97.3255



88.2392, 96.6511, 101.2525



85.7161, 92.5250, 101.9901



17.9377, 19.7339, 20.5842



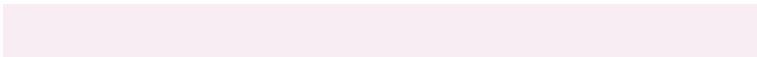
19.5300, 36.8250, 13.4001



1.8603, 3.4312, 1.5121

Inverse Universe

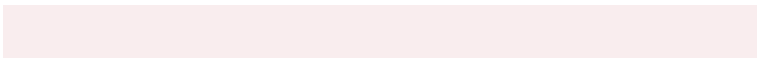
The Inverse Universe completely reimagines the original color for something new.



85.6835, 87.2420, 97.9156



89.3526, 90.2200, 102.0225



84.8159, 86.8949, 93.3466



18.1891, 18.2820, 20.7580



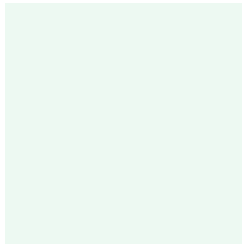
23.7317, 11.9084, 15.8274



2.2508, 1.1241, 1.7441

Previews

White Background



This preview shows how the XYZ color 84.8277, 92.1667, 97.3235 looks on a white background.

Color Contrast Check

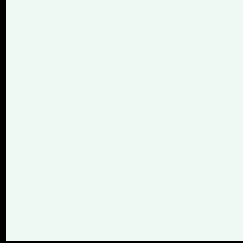
Large Text (above 18pt) WCAG AA × Fail

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 84.8277, 92.1667, 97.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

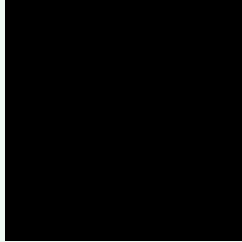
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

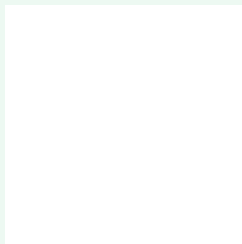
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8277, 92.1667, 97.3235

Background



This preview shows how black text looks on a background with the XYZ color 84.8277, 92.1667, 97.3235.



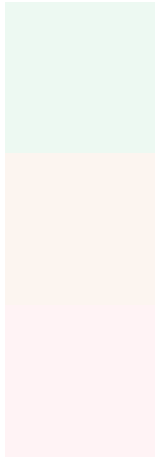
This preview shows how white text looks on a background with the XYZ color 84.8277, 92.1667,

97.3 35.

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

84.8277, 92.1667, 97.3235

Protanopia

88.5255, 92.2915, 95.5863

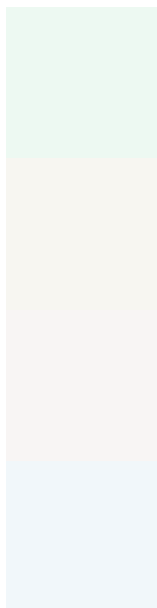
Deuteranopia

89.7720, 91.9538, 99.4036

Tritanopia

87.9679, 92.1862, 107.7651

Trichromacy



Original Color

84.8277, 92.1667, 97.3235

Protanomaly

87.1907, 92.0366, 96.3885

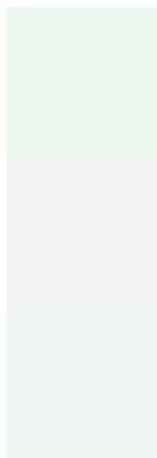
Deuteranomaly

87.6929, 91.7929, 98.6838

Tritanomaly

86.7917, 92.1244, 103.6499

Monochromacy



Original Color

84.8277, 92.1667, 97.3235

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.9029, 91.3204, 98.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8277, 92.1667, 97.3235 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(237, 249, 242) looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 249, 242) }
```

Border

The CSS property to change the border of an element to XYZ 84.8277, 92.1667, 97.3235 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(237, 249, 242) }
```


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

```
.border{ border-color:rgb(237, 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(237, 249, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 249,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8277, 92.1667, 97.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 249, 242) }
```

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

```
.background{ background-color: rgb(237,  
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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