

Converting Colors

XYZ(83.2125, 84.6713, 98.3436)

Have a look what the booklet for
XYZ(83.2125, 84.6713, 98.3436)
contains.

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Color

**XYZ(83.2125, 84.6713,
98.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EAF5
RGB	244, 234, 245
RGB Percent	96%, 92%, 96%
CMY	0.0431, 0.0823, 0.0392
CMYK	0.00, 0.04, 0.00, 0.04
HSL	295°, 35%, 94%
HSV	295°, 4%, 96%
XYZ	83.2125, 84.6713, 98.3436
YIQ	238.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

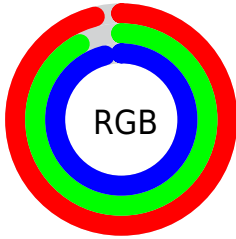
Format	Color
R _Y B	244, 234, 245
Decimal	16050933
CIE Lab	93.74, 5.30, -4.12
CIE LCh	94, 6.711, 322.150
Yxy	84.6713, 0.3126, 0.3180
Android (android.graphics.Color)	4294241013 (0xFF4EAF5)
YUV	238.2440, 3.3307, 5.0480
Hunter-Lab	92.0170, 0.3907, 1.0454

Details

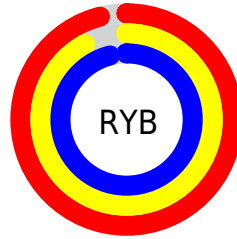
The XYZ color **83.2125, 84.6713, 98.3436** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.7677, 88.9097, 90.6978**, and the grayscale version is **81.4328, 85.6736, 93.2986**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8447, 46.2063, 54.6465** is the 20% darker color. If you saturate the color by 10%, you get **75.9468, 71.2793, 96.1429**, and if you desaturate by 10%, it is **90.3282, 97.7470, 100.4937**.

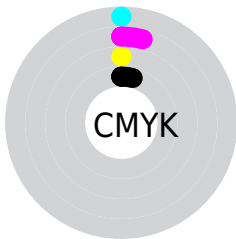
Distribution



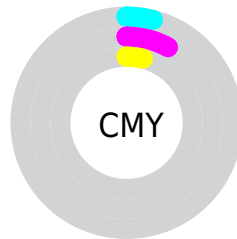
- Red (96%)
- Green (92%)
- Blue (96%)



- Red (96%)
- Yellow (92%)
- Blue (96%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)




- Cyan (4%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2125, 84.6713, 98.3436 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 83.2125, 84.6713, 98.3436 by changing the saturation by 10% instead.


 83.2125, 84.6713,
98.3436

 83.2125, 84.6713,
98.3436


494.2677,
510.5398, 576.0702

 62.6830, 63.5698,
74.3088


136.8000,
139.9138, 160.9110

 45.8425, 46.3023,
54.5485


170.5887,
174.8237, 200.2807

 32.3256, 32.4845,
38.6442

209.5279,
215.1051, 245.5990

 21.7671, 21.7318,
26.1773

253.9828,
261.1425, 297.2846

 13.8015, 13.6600,
16.7294

304.3189,
313.3203, 355.7560

 8.0635, 7.8846,
9.8818

360.9015,

 4.1878, 4.0212,

372.0228, 421.4317

5.2161

424.0960,
437.6345, 494.7302

■ 1.8089, 1.6854,
2.3137

■ 0.5230, 0.4142,
0.7389

■ 83.2125, 84.6713,
98.3436

■ 83.2125, 84.6713,
98.3436

■ 75.9468, 71.2793,
96.1429

■ 90.3282, 97.7470,
100.4937

■ 69.6131, 59.7388,
94.2492

■ 91.1153, 98.1528,
100.5305

■ 64.1718, 49.9692,
92.6502

■ 91.9119, 98.5634,
100.5678

■ 59.5775, 41.8801,
91.3310

■ 92.7178, 98.9789,
100.6055

■ 55.7810, 35.3727,
90.2751

■ 93.4817, 99.3727,
100.6413

■ 52.7278, 30.3382,
89.4642

■ 50.3563, 26.6538,
88.8781

■ 48.5955, 24.1771,
88.4928

■ 47.3579, 22.7333,
88.2794

Harmonies

Analogous

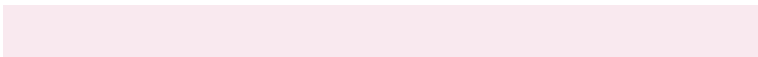
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7758, 84.6713, 101.5798



83.2125, 84.6713, 98.3436



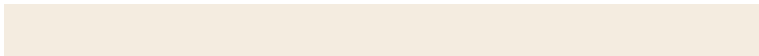
83.9185, 84.6713, 93.5389

Triad

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



83.2125, 84.6713, 98.3436



80.9463, 84.6713, 82.8126



77.3467, 84.6713, 95.9408

Complementary

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



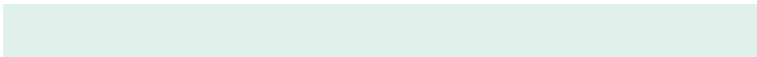
83.2125, 84.6713, 98.3436



81.7677, 88.9097, 90.6978

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.



77.1319, 84.6713, 90.8593



83.2125, 84.6713, 98.3436



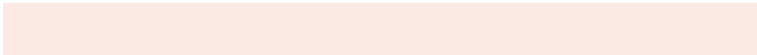
79.1930, 84.6713, 83.4024

Square

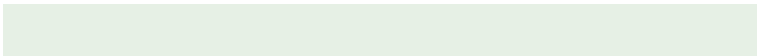
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.2125, 84.6713, 98.3436



82.5975, 84.6713, 84.6619



77.8032, 84.6713, 86.3037



78.3941, 84.6713, 100.1573

Rectangle

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



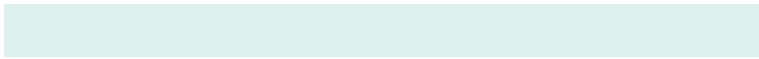
83.2125, 84.6713, 98.3436



83.8726, 84.6713, 90.1435



77.8032, 84.6713, 86.3037



77.1753, 84.6713, 94.2727

Sweetspot

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



83.2149, 84.6749, 98.3454



94.1566, 98.3398, 108.6266



80.1537, 83.5630, 98.2922



20.1628, 21.0663, 23.2535



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.



83.2149, 84.6749, 98.3454



90.6914, 91.9140, 107.5690



82.8991, 84.5888, 94.8667



17.6630, 17.8074, 21.0488



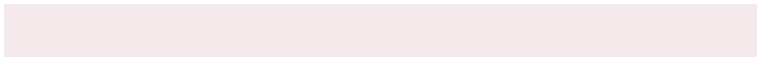
25.2892, 12.0114, 47.5236



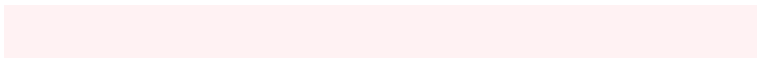
2.2653, 1.0777, 4.1789

Inverse Universe

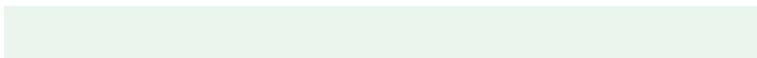
The Inverse Universe completely reimagines the original color for something new.



82.0774, 84.2601, 90.5393



89.3062, 91.4090, 98.0552



82.0785, 88.9960, 94.0524



17.3563, 17.6956, 18.9397



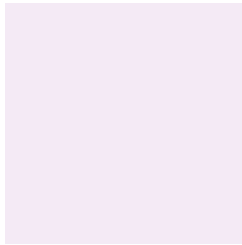
20.3868, 10.4981, 1.4791



1.8122, 0.9308, 0.2373

Previews

White Background



This preview shows how the XYZ color 83.2125, 84.6713, 98.3436 looks on a white background.

Color Contrast Check

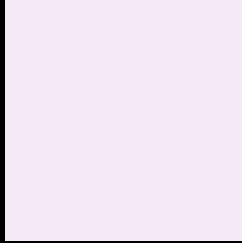
Large Text (above 18pt) WCAG AA × Fail

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 83.2125, 84.6713, 98.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

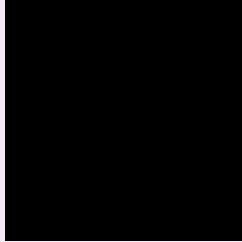
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

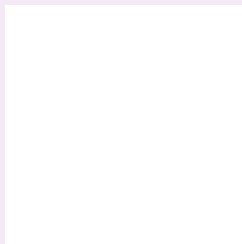
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2125, 84.6713, 98.3436

Background



This preview shows how black text looks on a background with the XYZ color 83.2125, 84.6713, 98.3436.



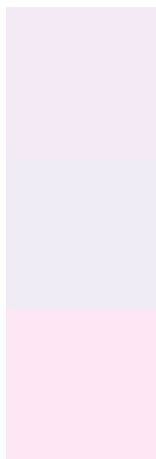
This preview shows how white text looks on a background with the XYZ color 83.2125, 84.6713,

98.3436.

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

83.2125, 84.6713, 98.3436

Protanopia

82.2266, 84.9954, 99.2607

Deuteranopia

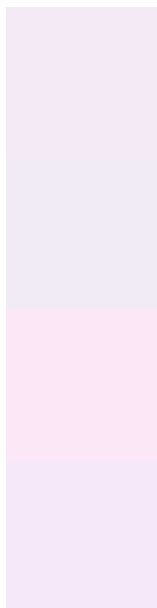
86.0182, 84.4462, 98.1523



Tritanopia

84.2077, 84.6553, 103.1687

Trichromacy



Original Color

83.2125, 84.6713, 98.3436

Protanomaly

82.6185, 84.7713, 99.1968

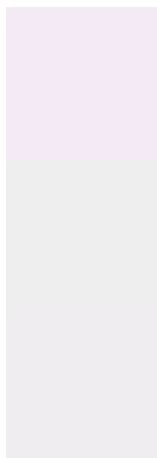
Deuteranomaly

84.8410, 84.2536, 98.1772

Tritanomaly

83.8940, 84.5299, 101.5167

Monochromacy



Original Color

83.2125, 84.6713, 98.3436

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.0966, 85.4445, 95.3846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2125, 84.6713, 98.3436 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(244, 234, 245) looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 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(244, 234, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 245) }
```

Border

The CSS property to change the border of an element to XYZ 83.2125, 84.6713, 98.3436 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(244, 234, 245) }
```


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

```
.border{ border-color:rgb(244, 234, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 234, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2125, 84.6713, 98.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 245) }
```

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

```
.background{ background-color: rgb(244,  
234, 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](#).

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