

Converting Colors

XYZ(80.9284, 83.5612, 84.5411)

Have a look what the booklet for
XYZ(80.9284, 83.5612, 84.5411)
contains.

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Color

**XYZ(80.6602, 83.2364,
84.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E9E3
RGB	245, 233, 227
RGB Percent	96%, 91%, 89%
CMY	0.0392, 0.0863, 0.1098
CMYK	0.00, 0.05, 0.07, 0.04
HSL	20°, 47%, 93%
HSV	20°, 7%, 96%
XYZ	80.6602, 83.2364, 84.4880
YIQ	235.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

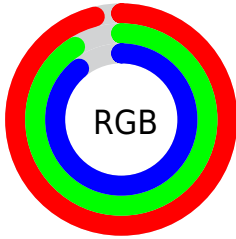
Format	Color
R_{YB}	245, 236, 227
Decimal	16116195
CIE Lab	93.12, 3.04, 4.35
CIE LCh	93, 5.310, 55.008
Yxy	83.2364, 0.3247, 0.3351
Android (android.graphics.Color)	4294306275 (0xFF5E9E3)
YUV	235.9040, -4.3897, 7.9772
Hunter-Lab	91.2340, -1.8472, 8.9578

Details

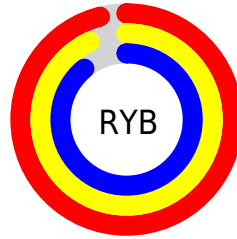
The XYZ color **80.6602, 83.2364, 84.4880** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0262, 84.6548, 98.5619**, and the grayscale version is **79.6850, 83.8349, 91.2962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1548, 45.2417, 45.4350** is the 20% darker color. If you saturate the color by 10%, you get **73.1069, 73.1610, 66.4573**, and if you desaturate by 10%, it is **89.1271, 94.3669, 105.1991**.

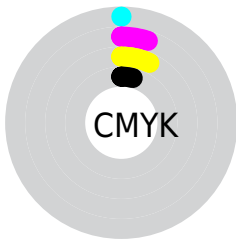
Distribution



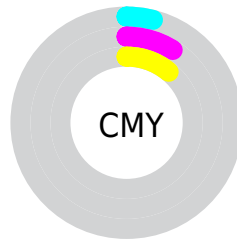
- Red (96%)
- Green (91%)
- Blue (89%)



- Red (96%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6602, 83.2364, 84.4880 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 80.6602, 83.2364, 84.4880 by changing the saturation by 10% instead.


 80.6602, 83.2364,
84.4880

 80.6602, 83.2364,
84.4880


485.8577,
505.7740, 530.0327

 60.5721, 62.3852,
62.8707


133.2392,
137.9065, 141.5254

 44.1312, 45.3440,
45.2963


166.4608,
172.4942, 177.7826

 30.9720, 31.7285,
31.3462


204.7910,
212.4295, 219.7569

 20.7292, 21.1542,
20.6020

248.5951,
258.0968, 267.8667

 13.0376, 13.2368,
12.6450

298.2384,
309.8805, 322.5306

 7.5316, 7.5918,
7.0567

354.0864,

 3.8460, 3.8349,

368.1650, 384.1673

3.4186

416.5044,
433.3347, 453.1951

■ 1.6154, 1.5816,
1.3121

■ 0.4024, 0.3452,
0.0717

■ 80.6602, 83.2364,
84.4880

■ 80.6602, 83.2364,
84.4880

■ 73.1069, 73.1610,
66.4573

■ 89.1271, 94.3669,
105.1991

■ 66.4284, 64.0987,
50.9914

■ 91.4665, 98.1527,
108.7323

■ 60.5934, 56.0204,
37.9739

■ 55.5659, 48.8913,
27.2776

■ 51.3071, 42.6749,
18.7635

■ 47.7745, 37.3318,
12.2774

■ 44.9213, 32.8195,
7.6449

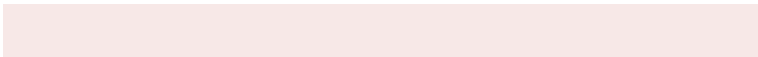
■ 42.6936, 29.0909,
4.6613

■ 41.0249, 26.0923,
3.0607

Harmonies

Analogous

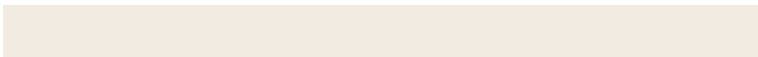
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5668, 83.2364, 87.4248



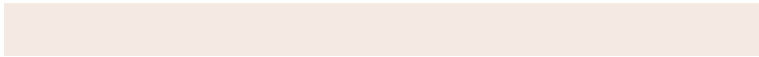
80.6602, 83.2364, 84.4880



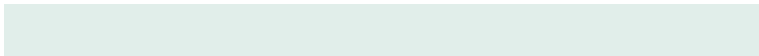
79.3471, 83.2364, 83.1987

Triad

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



80.6602, 83.2364, 84.4880



76.4744, 83.2364, 89.9642



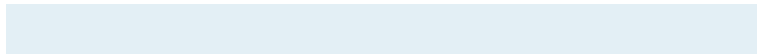
80.2518, 83.2364, 97.7639

Complementary

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



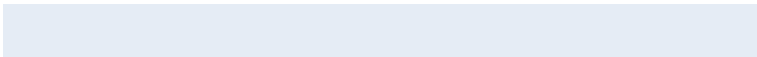
80.6602, 83.2364, 84.4880



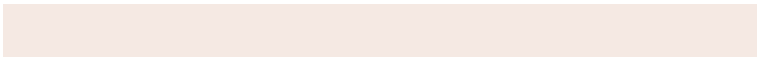
79.0262, 84.6548, 98.5619

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.



78.8808, 83.2364, 98.4918



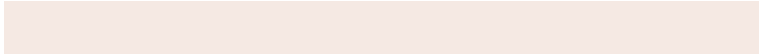
80.6602, 83.2364, 84.4880



76.7102, 83.2364, 93.9132

Square

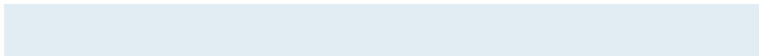
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6602, 83.2364, 84.4880



76.9389, 83.2364, 86.3006



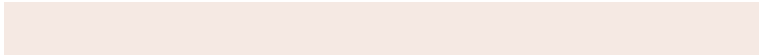
77.5871, 83.2364, 97.0633



81.3291, 83.2364, 95.1024

Rectangle

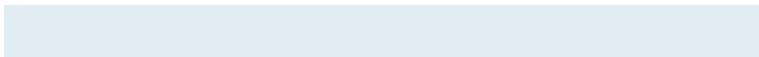
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6602, 83.2364, 84.4880



78.4219, 83.2364, 83.4186



77.5871, 83.2364, 97.0633



79.8096, 83.2364, 98.2461

Sweetspot

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



80.6625, 83.2400, 84.4898



93.1650, 97.5265, 104.2745



80.7062, 80.5838, 92.9629



19.9609, 20.9007, 22.3675



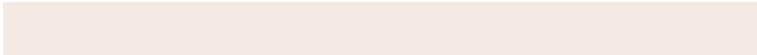
0.0000, 0.0000, 0.0000



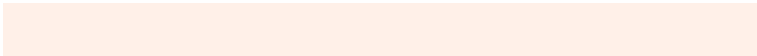
20.3446, 21.4041, 23.3091

Same Dimension

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



80.6625, 83.2400, 84.4898



86.8862, 89.2362, 89.0261



83.2744, 88.4637, 85.3604



16.9508, 17.3857, 17.2599



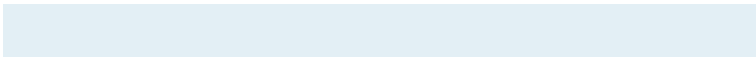
22.0141, 13.9138, 1.5254



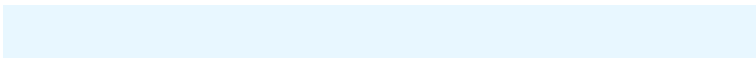
2.0255, 1.4042, 0.1643

Inverse Universe

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



79.0262, 84.6548, 98.5619



84.7111, 91.1164, 107.7302



76.4579, 79.5183, 97.7058



16.5038, 17.7720, 21.1031



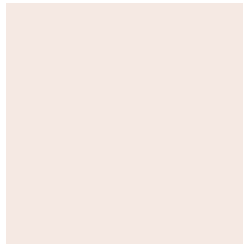
16.0931, 17.9800, 49.1603



1.5087, 1.7688, 4.3521

Previews

White Background



This preview shows how the XYZ color 80.6602, 83.2364, 84.4880 looks on a white background.

Color Contrast Check

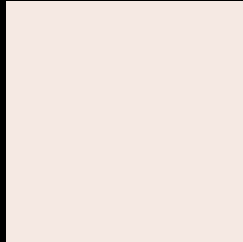
Large Text (above 18pt) WCAG AA × Fail

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 80.6602, 83.2364, 84.4880 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

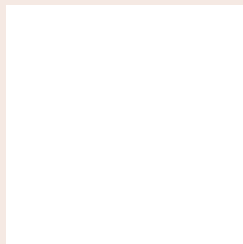
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6602, 83.2364, 84.4880

Background



This preview shows how black text looks on a background with the XYZ color 80.6602, 83.2364, 84.4880.



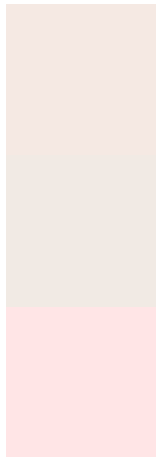
This preview shows how white text looks on a background with the XYZ color 80.6602, 83.2364,

84.4880.

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

80.6602, 83.2364, 84.4880

Protanopia

79.7020, 83.1478, 85.2472

Deuteranopia

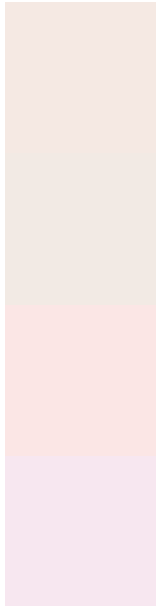
83.5422, 83.0118, 86.4826



Tritanopia

83.9515, 83.3274, 100.4660

Trichromacy



Original Color

80.6602, 83.2364, 84.4880

Protanomaly

80.0444, 83.3243, 85.2632

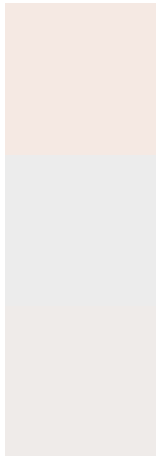
Deuteranomaly

82.2233, 82.7600, 85.7694

Tritanomaly

82.6619, 83.2173, 94.1439

Monochromacy



Original Color

80.6602, 83.2364, 84.4880

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.0129, 83.6506, 89.0198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6602, 83.2364, 84.4880 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(245, 233, 227) looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 227)  
}
```

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(245, 233, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 227) }
```

Border

The CSS property to change the border of an element to XYZ 80.6602, 83.2364, 84.4880 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(245, 233, 227) }
```


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

```
.border{ border-color:rgb(245, 233, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 233, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6602, 83.2364, 84.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 227) }
```

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

```
.background{ background-color: rgb(245,  
233, 227) }
```

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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