

Converting Colors

XYZ(80.8817, 84.1958, 84.6615)

Have a look what the booklet for
XYZ(80.8817, 84.1958, 84.6615)
contains.

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Color

**XYZ(80.8817, 84.1958,
84.6615)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EBE3
RGB	244, 235, 227
RGB Percent	96%, 92%, 89%
CMY	0.0431, 0.0784, 0.1098
CMYK	0.00, 0.04, 0.07, 0.04
HSL	28°, 44%, 92%
HSV	28°, 7%, 96%
XYZ	80.8817, 84.1958, 84.6615
YIQ	236.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

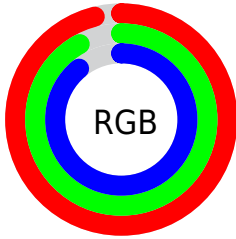
Format	Color
R_{YB}	244, 242, 227
Decimal	16051171
CIE _{Lab}	93.54, 1.68, 4.94
CIE _{LCh}	94, 5.221, 71.257
Yxy	84.1958, 0.3239, 0.3371
Android (android.graphics.Color)	4294241251 (0xFF4E3333)
YUV	236.7790, -4.8210, 6.3328
Hunter-Lab	91.7583, -3.2355, 9.5264

Details

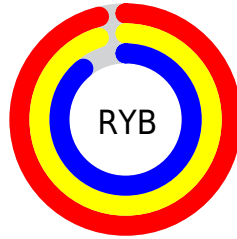
The XYZ color **80.8817, 84.1958, 84.6615** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.0030, 82.8522, 97.4699**, and the grayscale version is **80.3599, 84.5449, 92.0694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3055, 45.9101, 45.5561** is the 20% darker color. If you saturate the color by 10%, you get **74.1871, 75.8188, 66.9757**, and if you desaturate by 10%, it is **88.3267, 93.3077, 104.9541**.

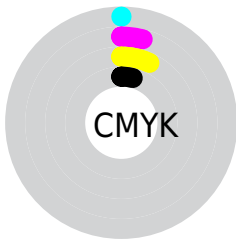
Distribution



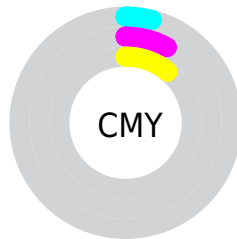
- Red (96%)
- Green (92%)
- Blue (89%)



- Red (96%)
- Yellow (95%)
- Blue (89%)



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



- Cyan (4%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8817, 84.1958, 84.6615 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 80.8817, 84.1958, 84.6615 by changing the saturation by 10% instead.

80.8817, 84.1958,
84.6615

80.8817, 84.1958,
84.6615

486.5907,
508.9632, 530.6227

60.7551, 63.1771,
63.0132

133.5487,
139.2490, 141.7701

44.2794, 45.9845,
45.4108

166.8198,
174.0524, 178.0675

31.0890, 32.2336,
31.4358

205.2031,
214.2194, 220.0849

20.8188, 21.5400,
20.6697

249.0641,
260.1344, 268.2410

13.1033, 13.5193,
12.6939

298.7679,
312.1820, 322.9543

7.5772, 7.7871,
7.0899

354.6801,

3.8752, 3.9590,

370.7463, 384.6433

3.4391

417.1659,
436.2120, 453.7266

■ 1.6318, 1.6507,
1.3230

■ 0.4130, 0.3914,
0.0805

■ 80.8817, 84.1958,
84.6615

■ 80.8817, 84.1958,
84.6615

■ 74.1871, 75.8188,
66.9757

■ 88.3267, 93.3077,
104.9541

■ 68.2102, 68.1465,
51.7841

■ 91.1187, 97.9733,
108.7160

■ 62.9261, 61.1622,
38.9741

■ 58.3057, 54.8446,
28.4220

■ 54.3175, 49.1711,
19.9930

■ 50.9270, 44.1175,
13.5377

■ 48.0957, 39.6573,
8.8869

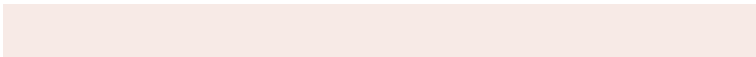
■ 45.7792, 35.7616,
5.8422

■ 43.9226, 32.3962,
4.1506

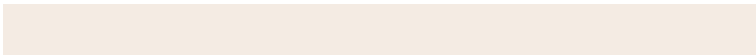
Harmonies

Analogous

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



82.0381, 84.1958, 86.7517



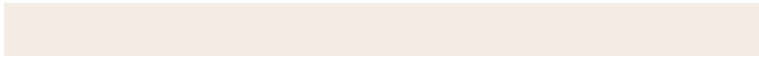
80.8817, 84.1958, 84.6615



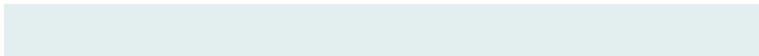
79.5084, 84.1958, 84.4181

Triad

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



80.8817, 84.1958, 84.6615



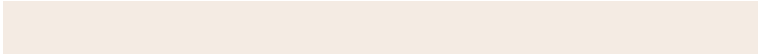
77.4499, 84.1958, 93.1672



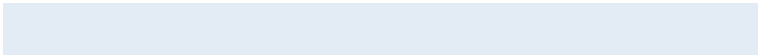
81.7891, 84.1958, 97.5105

Complementary

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



80.8817, 84.1958, 84.6615



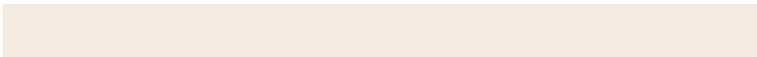
78.0030, 82.8522, 97.4699

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.



80.5450, 84.1958, 99.3361



80.8817, 84.1958, 84.6615



78.0463, 84.1958, 96.7809

Square

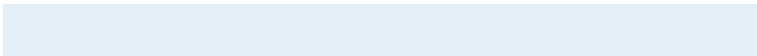
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8817, 84.1958, 84.6615



77.5377, 84.1958, 89.2534



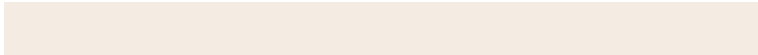
79.1755, 84.1958, 99.0653



82.5661, 84.1958, 94.1398

Rectangle

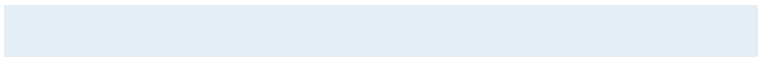
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8817, 84.1958, 84.6615



78.6559, 84.1958, 85.3275



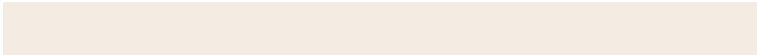
79.1755, 84.1958, 99.0653



81.4111, 84.1958, 98.3296

Sweetspot

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



80.8840, 84.1995, 84.6633



93.3847, 97.9661, 104.3477



79.9284, 80.2325, 90.6825



20.0057, 20.9902, 22.3824



0.0000, 0.0000, 0.0000



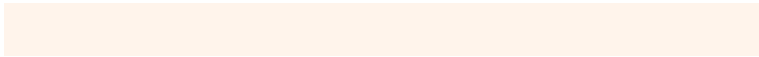
20.3446, 21.4041, 23.3091

Same Dimension

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



80.8840, 84.1995, 84.6633



88.5901, 92.0600, 91.3948



83.3549, 89.1411, 85.4869



17.1425, 17.7692, 17.3239



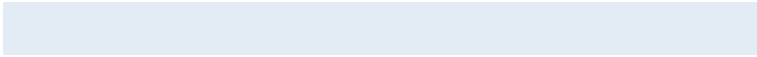
23.7470, 17.3796, 2.1030



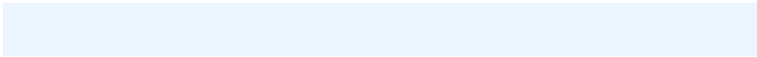
2.1891, 1.7315, 0.2188

Inverse Universe

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



78.0030, 82.8522, 97.4699



84.9510, 90.3581, 107.5712



75.6332, 78.1125, 96.6799



16.3071, 17.3785, 21.0375



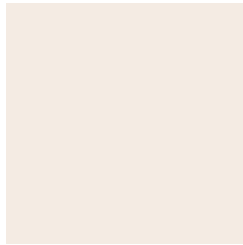
13.2937, 12.3813, 48.2272



1.2713, 1.2940, 4.2730

Previews

White Background



This preview shows how the XYZ color 80.8817, 84.1958, 84.6615 looks on a white background.

Color Contrast Check

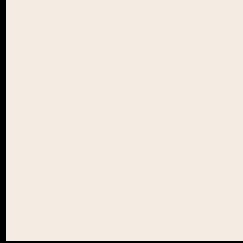
Large Text (above 18pt) WCAG AA × Fail

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 80.8817, 84.1958, 84.6615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

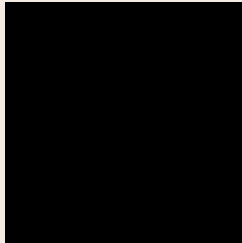
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

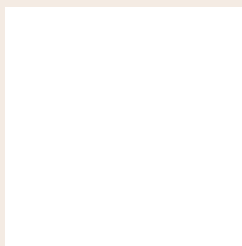
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8817, 84.1958, 84.6615

Background



This preview shows how black text looks on a background with the XYZ color 80.8817, 84.1958, 84.6615.



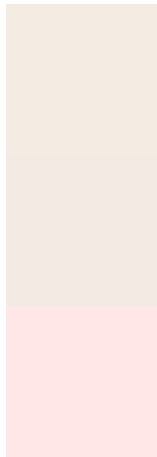
This preview shows how white text looks on a background with the XYZ color 80.8817, 84.1958,

84.6615.

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

80.8817, 84.1958, 84.6615

Protanopia

80.5356, 84.0174, 84.6453

Deuteranopia

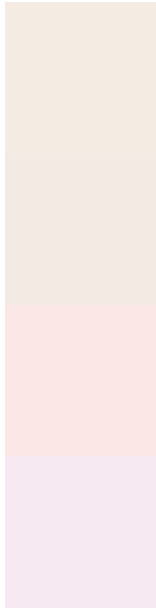
84.2397, 84.1813, 87.4100



Tritanopia

84.4697, 84.3895, 102.2793

Trichromacy



Original Color

80.8817, 84.1958, 84.6615

Protanomaly

80.5356, 84.0174, 84.6453

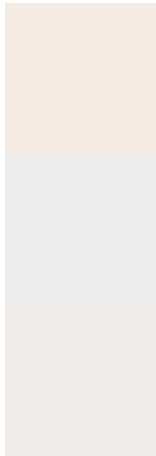
Deuteranomaly

82.9232, 83.9356, 86.6936

Tritanomaly

83.1720, 84.2815, 95.8887

Monochromacy



Original Color

80.8817, 84.1958, 84.6615

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.6386, 84.3994, 89.1314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8817, 84.1958, 84.6615 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, 235, 227) looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 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(244, 235, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 227) }
```

Border

The CSS property to change the border of an element to XYZ 80.8817, 84.1958, 84.6615 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, 235, 227) }
```


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

```
.border{ border-color:rgb(244, 235, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 235, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 235, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 235, 227);  
box-shadow:4px 4px 4px 4px rgb(244, 235,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8817, 84.1958, 84.6615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 227) }
```

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

```
.background{ background-color: rgb(244,  
235, 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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