

Converting Colors

XYZ(80.2656, 83.9979, 76.1948)

Have a look what the booklet for
XYZ(80.2656, 83.9979, 76.1948)
contains.

XYZ(80.3318, 84.0971, 76.2884)	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(80.3318, 84.0971,
76.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBD7
RGB	247, 235, 215
RGB Percent	97%, 92%, 84%
CMY	0.0314, 0.0784, 0.1569
CMYK	0.00, 0.05, 0.13, 0.03
HSL	38°, 67%, 91%
HSV	38°, 13%, 97%
XYZ	80.3318, 84.0971, 76.2884
YIQ	236.3080, 13.5720, -3.6760

Conversions

Conversions Part 2

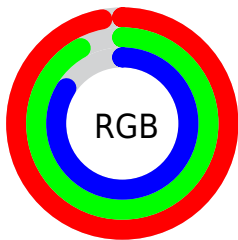
Format	Color
RYB	234, 247, 215
Decimal	16247767
CIELab	93.49, 0.79, 11.15
CIELCh	93, 11.173, 85.966
Yxy	84.0971, 0.3337, 0.3494
Android (android.graphics.Color)	4294437847 (0xFFF7EBD7)
YUV	236.3080, -10.5048, 9.3769
Hunter-Lab	91.7045, -4.1194, 14.8701

Details

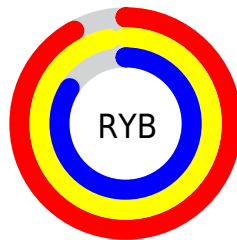
The XYZ color **80.3318, 84.0971, 76.2884** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.2816, 76.0991, 98.8753**, and the grayscale version is **80.0374, 84.2056, 91.6999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9511, 45.8546, 39.7921** is the 20% darker color. If you saturate the color by 10%, you get **74.8130, 77.7606, 59.9545**, and if you desaturate by 10%, it is **86.4724, 90.9087, 95.1956**.

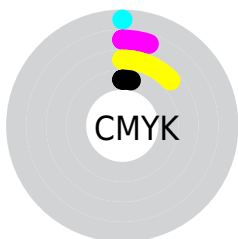
Distribution



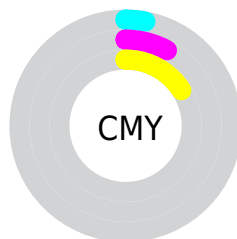
- Red (97%)
- Green (92%)
- Blue (84%)



- Red (92%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3318, 84.0971, 76.2884 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 80.3318, 84.0971, 76.2884 by changing the saturation by 10% instead.


 80.3318, 84.0971,
76.2884

 80.3318, 84.0971,
76.2884


484.7698,
508.6356, 501.7075

 60.3008, 63.0956,
56.1610

132.7802,
139.1110, 129.8983

 43.9115, 45.9186,
39.9271


165.9283,
173.8922, 164.2179

 30.7986, 32.1816,
27.1684

204.1796,
214.0354, 204.1052

 20.5966, 21.5002,
17.4662

247.8993,
259.9250, 249.9788

 12.9402, 13.4901,
10.4019

297.4528,
311.9455, 302.2574

 7.4641, 7.7669,
5.5572

353.2055,

 3.8029, 3.9462,

370.4811, 361.3593

2.5134

415.5227,
435.9164, 427.7031

■ 1.5912, 1.6435,
0.8472

■ 0.3867, 0.3867,
0.0000

■ 80.3318, 84.0971,
76.2884

■ 80.3318, 84.0971,
76.2884

■ 74.8130, 77.7606,
59.9545

■ 86.4724, 90.9087,
95.1956

■ 69.8857, 71.8753,
46.0750

■ 91.6989, 97.5759,
108.6087

■ 65.5270, 66.4315,
34.5298

■ 92.1681, 98.5143,
108.7651

■ 61.7096, 61.4149,
25.1863

■ 58.4038, 56.8098,
17.8985

■ 55.5764, 52.5994,
12.5025

■ 53.1890, 48.7647,
8.8092

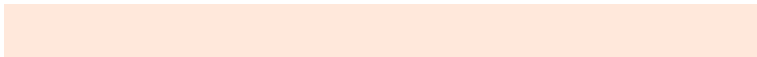
■ 51.1961, 45.2834,
6.5892

■ 49.9820, 43.0221,
5.6698

Harmonies

Analogous

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



83.1513, 84.0971, 78.7444



80.3318, 84.0971, 76.2884



77.4719, 84.0971, 77.7146

Triad

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



80.3318, 84.0971, 76.2884



74.9359, 84.0971, 98.8718



84.7291, 84.0971, 100.9715

Complementary

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



80.3318, 84.0971, 76.2884



72.2816, 76.0991, 98.8753

Split Complementary

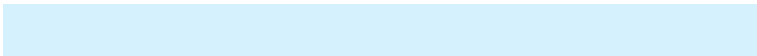
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4431, 84.0971, 106.9758



80.3318, 84.0971, 76.2884



76.7965, 84.0971, 105.7121

Square

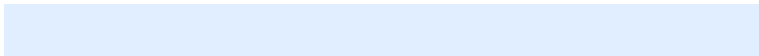
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3318, 84.0971, 76.2884



74.4017, 84.0971, 90.4285



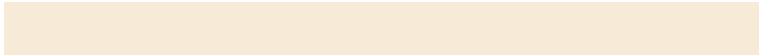
79.5331, 84.0971, 108.7614



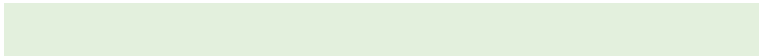
85.7293, 84.0971, 92.7160

Rectangle

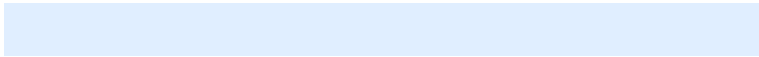
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3318, 84.0971, 76.2884



75.9196, 84.0971, 80.7253



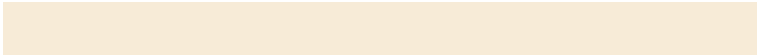
79.5331, 84.0971, 108.7614



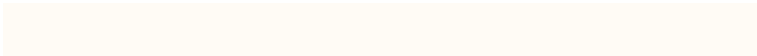
84.0828, 84.0971, 103.3394

Sweetspot

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



80.3341, 84.1008, 76.2902



92.2433, 96.9451, 100.0767



76.5611, 73.9370, 83.1032



19.6335, 20.6292, 21.0764



0.0000, 0.0000, 0.0000



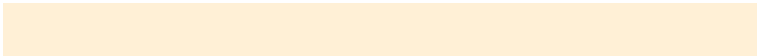
20.3446, 21.4041, 23.3091

Same Dimension

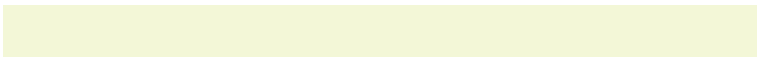
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3341, 84.1008, 76.2902



84.4768, 88.2726, 76.3382



82.5815, 90.5307, 77.4128



17.3623, 18.2087, 17.3971



26.5745, 23.0346, 3.0455



2.4342, 2.2215, 0.3005

Inverse Universe

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



72.2816, 76.0991, 98.8753



73.9961, 77.8585, 105.7359



70.2233, 70.3362, 97.8714



16.0901, 16.9444, 20.9651



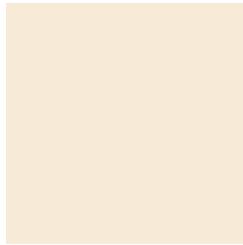
11.0552, 7.9041, 47.4810



1.0670, 0.8854, 4.2049

Previews

White Background



This preview shows how the XYZ color 80.3318, 84.0971, 76.2884 looks on a white background.

Color Contrast Check

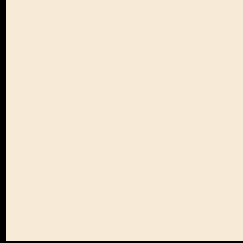
Large Text (above 18pt) WCAG AA × Fail

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 80.3318, 84.0971, 76.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

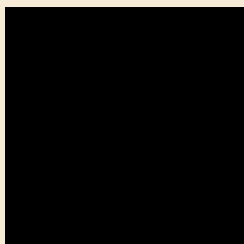
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3318, 84.0971, 76.2884

Background



This preview shows how black text looks on a background with the XYZ color 80.3318, 84.0971, 76.2884.



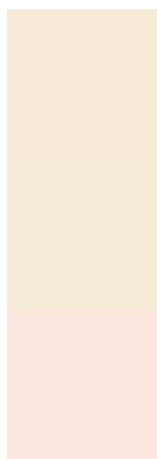
This preview shows how white text looks on a background with the XYZ color 80.3318, 84.0971,

76.2884.

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

80.3318, 84.0971, 76.2884

Protanopia

79.6303, 83.7354, 76.2556

Deuteranopia

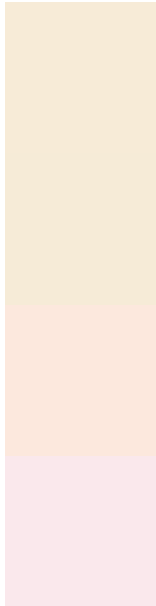
83.4065, 83.8481, 83.0225



Tritanopia

85.3850, 84.0664, 100.5331

Trichromacy



Original Color

80.3318, 84.0971, 76.2884

Protanomaly

79.9801, 83.9158, 76.2719

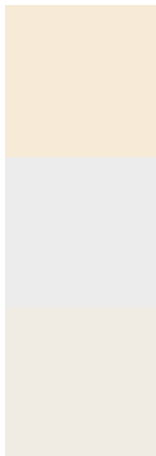
Deuteranomaly

82.0526, 83.6291, 80.2240

Tritanomaly

83.4213, 84.0933, 91.1917

Monochromacy



Original Color

80.3318, 84.0971, 76.2884

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.9342, 84.1176, 85.4221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3318, 84.0971, 76.2884 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(247, 235, 215) looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 215)  
}
```

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(247, 235, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 215) }
```

Border

The CSS property to change the border of an element to XYZ 80.3318, 84.0971, 76.2884 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(247, 235, 215) }
```


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

```
.border{ border-color:rgb(247, 235, 215) }
```

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

Here you see how a box with a 4 pixel rgb(247, 235, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3318, 84.0971, 76.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 215) }
```

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

```
.background{ background-color: rgb(247,  
235, 215) }
```

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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