

Converting Colors

XYZ(116.2392, 101.2147,
67.0704)

Have a look what the booklet for
XYZ(116.2392, 101.2147, 67.0704)
contains.

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Color

**XYZ(80.0090, 82.4890,
65.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7C6
RGB	255, 231, 198
RGB Percent	100%, 91%, 78%
CMY	0.0000, 0.0941, 0.2235
CMYK	0.00, 0.09, 0.22, 0.00
HSL	35°, 100%, 89%
HSV	35°, 22%, 100%
XYZ	80.0090, 82.4890, 65.1311
YIQ	234.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

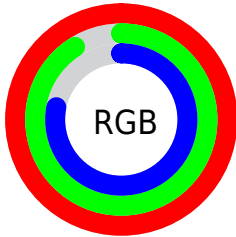
Format	Color
RYB	239, 255, 198
Decimal	16771014
CIELab	92.79, 3.18, 19.05
CIELCh	93, 19.318, 80.526
Yxy	82.4890, 0.3515, 0.3624
Android (android.graphics.Color)	4294961094 (0xFFFFE7C6)
YUV	234.4140, -17.9521, 18.0539
Hunter-Lab	90.8235, -1.6953, 21.0585

Details

The XYZ color **80.0090, 82.4890, 65.1311** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.4593, 71.4663, 104.8466**, and the grayscale version is **78.6407, 82.7362, 90.0997**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8481, 45.0701, 32.7739** is the 20% darker color. If you saturate the color by 10%, you get **74.3993, 75.5870, 49.9514**, and if you desaturate by 10%, it is **86.3020, 89.9648, 82.9836**.

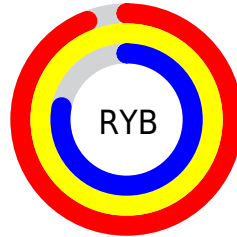
Distribution



Red (100%)

Green (91%)

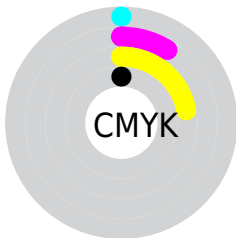
Blue (78%)



Red (94%)

Yellow (100%)

Blue (78%)

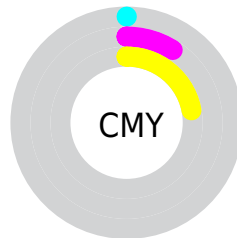


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0090, 82.4890, 65.1311 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 80.0090, 82.4890, 65.1311 by changing the saturation by 10% instead.


 80.0090, 82.4890,
65.1311

 80.0090, 82.4890,
65.1311


483.6992,
503.2819, 461.5820

 60.0343, 61.7687,
47.1154


132.3288,
136.8595, 113.8534

 43.6958, 44.8458,
32.7719


165.4046,
171.2785, 145.3971

 30.6283, 31.3360,
21.6821


203.5782,
211.0326, 182.2871

 20.4664, 20.8548,
13.4274

247.2148,
256.5060, 224.9421

 12.8448, 13.0179,
7.5893

296.6799,
308.0833, 273.7805

 7.3980, 7.4409,
3.7493

352.3387,

 3.7608, 3.7393,

366.1488, 329.2209

1.4889

414.5567,
431.0868, 391.6819

■ 1.5677, 1.5288,
0.2096

■ 0.3712, 0.3089,
0.0000

■ 80.0090, 82.4890,
65.1311

■ 80.0090, 82.4890,
65.1311

■ 74.3993, 75.5870,
49.9514

■ 86.3020, 89.9648,
82.9836

■ 69.4391, 69.2317,
37.3077

■ 93.2989, 98.0192,
103.6262

■ 65.1001, 63.4090,
27.0589

95.0500, 100.0000,
108.9000

■ 61.3492, 58.1002,
19.0478

■ 58.1496, 53.2849,
13.0980

■ 55.4592, 48.9404,
9.0062

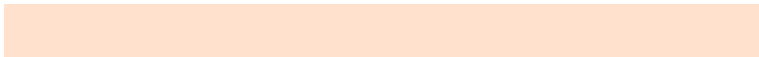
■ 53.2277, 45.0404,
6.5271

■ 51.7760, 42.3319,
5.4420

Harmonies

Analogous

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



84.7259, 82.4890, 70.0534



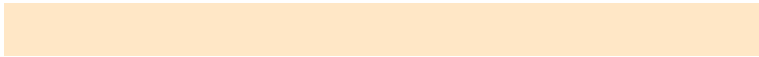
80.0090, 82.4890, 65.1311



75.0546, 82.4890, 66.2541

Triad

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



80.0090, 82.4890, 65.1311



69.6745, 82.4890, 99.9024



86.1232, 82.4890, 108.6382

Complementary

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



80.0090, 82.4890, 65.1311



67.4593, 71.4663, 104.8466

Split Complementary

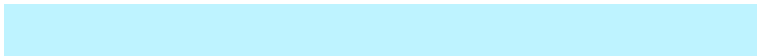
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8502, 82.4890, 118.3921



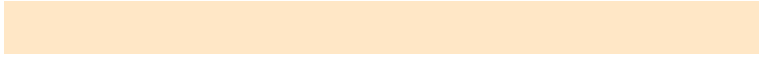
80.0090, 82.4890, 65.1311



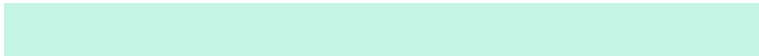
72.4033, 82.4890, 112.9855

Square

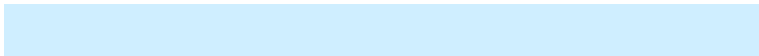
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0090, 82.4890, 65.1311



69.2290, 82.4890, 85.3260



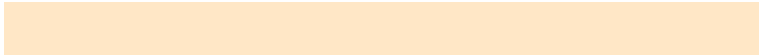
76.8193, 82.4890, 120.0630



88.3544, 82.4890, 94.4619

Rectangle

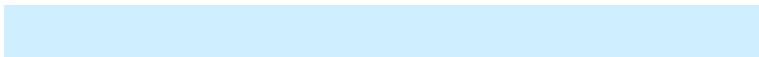
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.0090, 82.4890, 65.1311



72.2741, 82.4890, 70.3315



76.8193, 82.4890, 120.0630



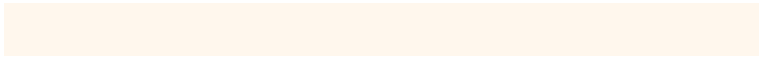
84.8696, 82.4890, 112.6040

Sweetspot

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



80.0109, 82.4926, 65.1328



89.9575, 94.2023, 93.6773



74.7135, 66.9606, 78.5878



19.1642, 20.0591, 19.7840



0.0000, 0.0000, 0.0000



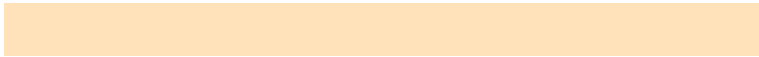
20.3446, 21.4041, 23.3091

Same Dimension

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



80.0109, 82.4926, 65.1328



77.3199, 79.2135, 57.7526



85.8091, 96.1437, 67.4622



18.8830, 19.7343, 18.9582



27.2051, 22.4214, 2.8939



2.7570, 2.3994, 0.3178

Inverse Universe

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



67.4593, 71.4663, 104.8466



62.6705, 66.3465, 104.1108



62.5480, 60.1379, 102.9189



17.6314, 18.6344, 22.9175



12.3375, 9.5846, 50.6343



1.3065, 1.1437, 4.9652

Previews

White Background



This preview shows how the XYZ color 80.0090, 82.4890, 65.1311 looks on a white background.

Color Contrast Check

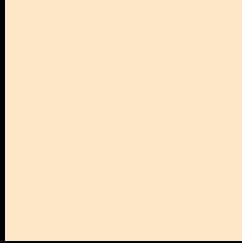
Large Text (above 18pt) WCAG AA × Fail

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 80.0090, 82.4890, 65.1311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

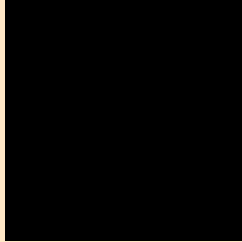
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0090, 82.4890, 65.1311

Background



This preview shows how black text looks on a background with the XYZ color 80.0090, 82.4890, 65.1311.

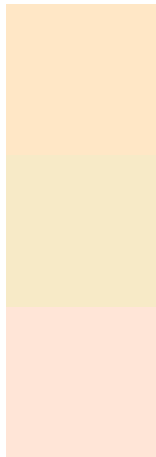


This preview shows how white text looks on a background with the XYZ color 80.0090, 82.4890,

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

80.0090, 82.4890, 65.1311

Protanopia

78.0894, 82.7433, 65.8881

Deuteranopia

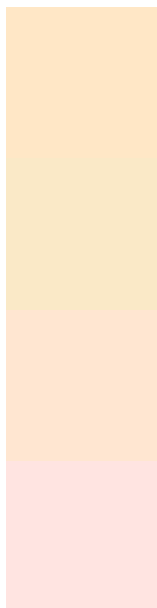
81.5251, 82.2049, 75.8603



Tritanopia

84.5863, 82.5490, 94.6945

Trichromacy



Original Color

80.0090, 82.4890, 65.1311

Protanomaly

78.8721, 82.7253, 65.8434

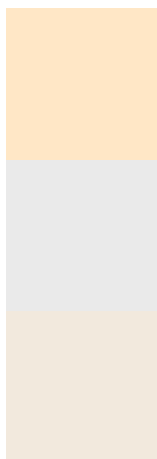
Deuteranomaly

81.0454, 82.4571, 71.9659

Tritanomaly

82.5740, 82.1830, 82.7450

Monochromacy



Original Color

80.0090, 82.4890, 65.1311

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.8080, 82.3755, 80.1531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0090, 82.4890, 65.1311 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(255, 231, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 198)  
}
```

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(255, 231, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 198) }
```

Border

The CSS property to change the border of an element to XYZ 80.0090, 82.4890, 65.1311 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(255, 231, 198) }
```


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

```
.border{ border-color:rgb(255, 231, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0090, 82.4890, 65.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 198) }
```

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

```
.background{ background-color: rgb(255,  
231, 198) }
```

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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