

Converting Colors

XYZ(110.5992, 87.9497,
33.5779)

Have a look what the booklet for
XYZ(110.5992, 87.9497, 33.5779)
contains.

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Color

**XYZ(66.6636, 65.2223,
31.6299)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCA86 |
| RGB | 255, 202, 134 |
| RGB Percent | 100%, 79%, 53% |
| CMY | 0.0000, 0.2078, 0.4745 |
| CMYK | 0.00, 0.21, 0.47, 0.00 |
| HSL | 34°, 100%, 76% |
| HSV | 34°, 47%, 100% |
| XYZ | 66.6636, 65.2223, 31.6299 |
| YIQ | 210.0950, 53.4160, -9.9120 |

Conversions

Conversions Part 2

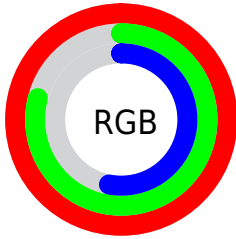
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 228, 255, 134 |
| Decimal | 16763526 |
| CIE Lab | 84.60, 10.63, 40.99 |
| CIE LCh | 85, 42.344, 75.461 |
| Yxy | 65.2223, 0.4077, 0.3989 |
| Android (android.graphics.Color) | 4294953606 (0xFFFFCA86) |
| YUV | 210.0950, -37.5148, 39.3817 |
| Hunter-Lab | 80.7603, 6.0122, 33.3112 |

Details

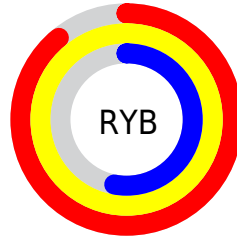
The XYZ color **66.6636, 65.2223, 31.6299** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.6511, 47.8271, 101.4329**, and the grayscale version is **61.5365, 64.7412, 70.5031**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **34.9162, 33.5401, 12.8172** is the 20% darker color. If you saturate the color by 10%, you get **62.5691, 59.5446, 22.5234**, and if you desaturate by 10%, it is **71.3798, 71.4571, 43.0603**.

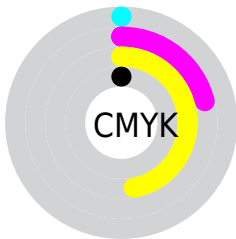
Distribution



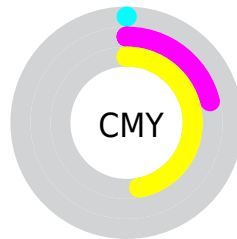
- Red (100%)
- Green (79%)
- Blue (53%)



- Red (89%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6636, 65.2223, 31.6299 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 66.6636, 65.2223, 31.6299 by changing the saturation by 10% instead.

66.6636, 65.2223,
31.6299

66.6636, 65.2223,
31.6299

438.1977,
443.5904, 323.8705

49.0810, 47.6414,
20.8165

113.4907,
112.3694, 63.3216

34.8985, 33.5430,
12.8000

143.4659,
142.7043, 85.0370

23.7509, 22.5427,
7.1619

178.3027,
178.0594, 111.2234

15.2727, 14.2562,
3.4836

218.3664,
218.8190, 142.2994

9.0985, 8.2991,
1.3465

264.0224,
265.3675, 178.6836

4.8631, 4.2869,
0.0995

315.6361,

2.2011, 1.8353,

318.0893, 220.7945

0.0000

373.5727,
377.3688, 269.0506

0.7433, 0.5090,
0.0000

0.0000, 0.0000,
0.0000

66.6636, 65.2223,
31.6299

66.6636, 65.2223,
31.6299

62.5691, 59.5446,
22.5234

71.3798, 71.4571,
43.0603

59.0561, 54.3941,
15.5706

76.7450, 78.2587,
56.9607

56.0865, 49.7514,
10.5838

82.7903, 85.6479,
73.4695

53.6142, 45.5914,
7.3409

89.5433, 93.6417,
92.7137

■ 51.5800, 41.8831,
5.5524

95.0499, 99.9999,
108.9000

■ 51.1101, 41.0005,
5.2201

Harmonies

Analogous

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



75.6223, 65.2223, 40.0200



66.6636, 65.2223, 31.6299



57.2753, 65.2223, 31.7565

Triad

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



66.6636, 65.2223, 31.6299



46.0837, 65.2223, 85.8037



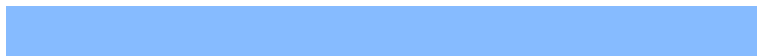
75.8586, 65.2223, 114.1002

Complementary

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



66.6636, 65.2223, 31.6299



45.6511, 47.8271, 101.4329

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.



66.9605, 65.2223, 133.8665



66.6636, 65.2223, 31.6299



50.1063, 65.2223, 114.9143

Square

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



66.6636, 65.2223, 31.6299



46.0216, 65.2223, 58.7430



57.5436, 65.2223, 134.1975



81.2855, 65.2223, 84.8894

Rectangle

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



66.6636, 65.2223, 31.6299



52.0413, 65.2223, 36.5174



57.5436, 65.2223, 134.1975



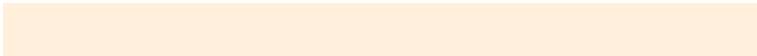
73.1362, 65.2223, 122.3628

Sweetspot

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



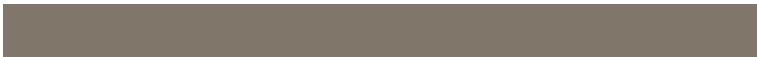
66.6652, 65.2254, 31.6312



85.0391, 88.3370, 79.7938



58.8911, 41.9611, 52.8277



17.8987, 18.5460, 16.2244



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.



66.6652, 65.2254, 31.6312



62.7408, 59.7889, 22.8857



79.1121, 93.3716, 36.4079



18.8564, 19.6810, 18.9493



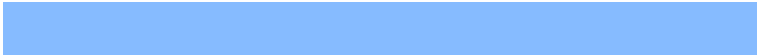
26.8576, 21.7264, 2.7781



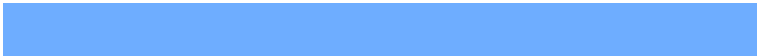
2.7239, 2.3331, 0.3068

Inverse Universe

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



45.6511, 47.8271, 101.4329



39.4398, 40.5182, 100.3498



37.3993, 29.8508, 98.3980



17.6576, 18.6867, 22.9262



12.5833, 10.0763, 50.7163



1.3317, 1.1941, 4.9736

Previews

White Background



This preview shows how the XYZ color 66.6636, 65.2223, 31.6299 looks on a white background.

Color Contrast Check

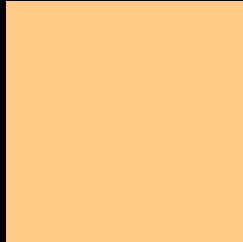
Large Text (above 18pt) WCAG AA × Fail

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 66.6636, 65.2223, 31.6299 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 66.6636, 65.2223, 31.6299

Background



This preview shows how black text looks on a background with the XYZ color 66.6636, 65.2223, 31.6299.



This preview shows how white text looks on a background with the XYZ color 66.6636, 65.2223,

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

66.6636, 65.2223, 31.6299

Protanopia

60.5148, 65.2465, 33.4491

Deuteranopia

66.6636, 65.2223, 31.6299



Tritanopia

72.3651, 65.2939, 68.4634

Trichromacy



Original Color

66.6636, 65.2223, 31.6299

Protanomaly

62.6678, 65.2686, 32.9621

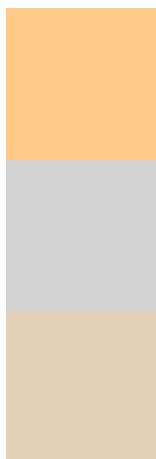
Deuteranomaly

66.6636, 65.2223, 31.6299

Tritanomaly

69.7746, 64.9844, 52.5818

Monochromacy



Original Color

66.6636, 65.2223, 31.6299

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.1204, 64.1718, 53.3683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6636, 65.2223, 31.6299 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, 202, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 134)  
}
```

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, 202, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 134) }
```

Border

The CSS property to change the border of an element to XYZ 66.6636, 65.2223, 31.6299 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, 202, 134) }
```


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

```
.border{ border-color:rgb(255, 202, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6636, 65.2223, 31.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 134) }
```

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

```
.background{ background-color: rgb(255,  
202, 134) }
```

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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