

Converting Colors

XYZ(67.7177, 67.5516, 31.2994)

Have a look what the booklet for XYZ(67.7177, 67.5516, 31.2994) contains.

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Color

**XYZ(67.7177, 67.5516,
31.2994)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCF84
RGB	255, 207, 132
RGB Percent	100%, 81%, 52%
CMY	0.0000, 0.1882, 0.4823
CMYK	0.00, 0.19, 0.48, 0.00
HSL	37°, 100%, 76%
HSV	37°, 48%, 100%
XYZ	67.7177, 67.5516, 31.2994
YIQ	212.8020, 52.6830, -13.1490

Conversions

Conversions Part 2

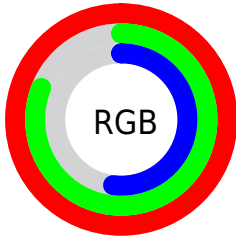
Format	Color
R _Y B	211, 255, 132
Decimal	16764804
CIE Lab	85.78, 7.86, 43.49
CIE LCh	86, 44.195, 79.759
Yxy	67.5516, 0.4065, 0.4055
Android (android.graphics.Color)	4294954884 (0xFFFFCF84)
YUV	212.8020, -39.8354, 37.0076
Hunter-Lab	82.1898, 3.2374, 34.9541

Details

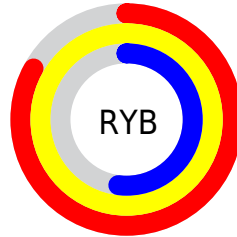
The XYZ color **67.7177, 67.5516, 31.2994** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.8863, 44.7663, 100.9352**, and the grayscale version is **63.3481, 66.6472, 72.5788**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **35.6414, 35.1123, 12.6834** is the 20% darker color. If you saturate the color by 10%, you get **63.8467, 62.2693, 22.4271**, and if you desaturate by 10%, it is **72.1704, 73.3148, 42.4709**.

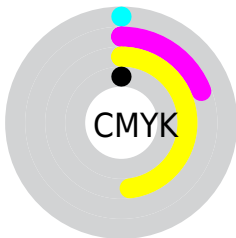
Distribution



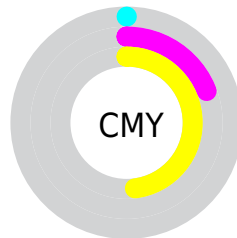
- Red (100%)
- Green (81%)
- Blue (52%)



- Red (83%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7177, 67.5516, 31.2994 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 67.7177, 67.5516, 31.2994 by changing the saturation by 10% instead.


 67.7177, 67.5516,
31.2994


 67.7177, 67.5516,
31.2994


441.8876,
451.9057, 322.3091


 49.9409, 49.5330,
20.5666


 114.9923,
115.7104, 62.7962

 35.5841, 35.0425,
12.6194


 145.2209,
146.6195, 84.3973

 24.2818, 23.6956,
7.0394


 180.3308,
182.5942, 110.4582

 15.6686, 15.1080,
3.4079

220.6874,
224.0189, 141.3975

 9.3793, 8.8952,
1.3065

266.6560,
271.2780, 177.6337

 5.0485, 4.6729,
0.0671

318.6020,

 2.3108, 2.0566,

324.7559, 219.5853

0.0000

376.8908,
384.8370, 267.6709

■ 0.8002, 0.6401,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7177, 67.5516,
31.2994

■ 67.7177, 67.5516,
31.2994

■ 63.8467, 62.2693,
22.4271

■ 72.1704, 73.3148,
42.4709

■ 60.5182, 57.4400,
15.6824

■ 77.2309, 79.5660,
56.0882

■ 57.6947, 53.0469,
10.8761

■ 82.9296, 86.3241,
72.2902

■ 55.3309, 49.0669,
7.7831

■ 89.2931, 93.6038,
91.2045

■ 53.3650, 45.4707, 95.0499, 100.0000,
6.0934 108.9000

■ 53.0446, 44.8694,
5.8649

Harmonies

Analogous

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



77.5742, 67.5516, 38.7648



67.7177, 67.5516, 31.2994



57.8668, 67.5516, 32.6692

Triad

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



67.7177, 67.5516, 31.2994



47.6208, 67.5516, 93.9841



80.1857, 67.5516, 115.6090

Complementary

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



67.7177, 67.5516, 31.2994



43.8863, 44.7663, 100.9352

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.



70.9916, 67.5516, 139.2272



67.7177, 67.5516, 31.2994



52.4688, 67.5516, 124.6495

Square

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



67.7177, 67.5516, 31.2994



46.9413, 67.5516, 64.1081



60.8174, 67.5516, 142.9113



85.2562, 67.5516, 83.8811

Rectangle

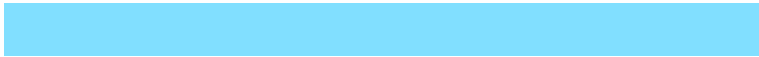
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7177, 67.5516, 31.2994



52.5781, 67.5516, 38.5691



60.8174, 67.5516, 142.9113



77.4326, 67.5516, 125.0769

Sweetspot

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



67.7193, 67.5548, 31.3008



85.5418, 89.3423, 79.9614



57.8526, 41.1075, 48.7097



18.0214, 18.7913, 16.2653



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.



67.7193, 67.5548, 31.3008



63.9313, 62.3880, 22.6101



76.7836, 92.1872, 35.5775



18.9314, 19.8309, 18.9743



27.8665, 23.7442, 3.1144



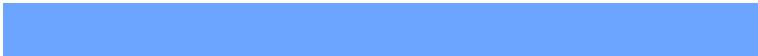
2.8196, 2.5245, 0.3387

Inverse Universe

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



43.8863, 44.7663, 100.9352



37.5463, 37.1937, 99.8079



37.8559, 29.6796, 98.3410



17.5843, 18.5402, 22.9018



11.9222, 8.7540, 50.4959



1.2633, 1.0573, 4.9508

Previews

White Background



This preview shows how the XYZ color 67.7177, 67.5516, 31.2994 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 67.7177, 67.5516, 31.2994 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 67.7177, 67.5516, 31.2994

Background



This preview shows how black text looks on a background with the XYZ color 67.7177, 67.5516, 31.2994.



This preview shows how white text looks on a background with the XYZ color 67.7177, 67.5516,

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

67.7177, 67.5516, 31.2994

Protanopia

62.6053, 67.8426, 32.7169

Deuteranopia

68.4221, 67.4469, 36.2004



Tritanopia

73.9045, 67.3726, 72.0598

Trichromacy



Original Color

67.7177, 67.5516, 31.2994

Protanomaly

64.4645, 67.6854, 32.2212

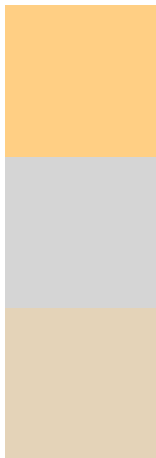
Deuteranomaly

68.0449, 67.2961, 34.2140

Tritanomaly

71.2477, 67.4326, 54.6080

Monochromacy



Original Color

67.7177, 67.5516, 31.2994

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9409, 66.5432, 54.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7177, 67.5516, 31.2994 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, 207, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 132)  
}
```

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, 207, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 132) }
```

Border

The CSS property to change the border of an element to XYZ 67.7177, 67.5516, 31.2994 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, 207, 132) }
```


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

```
.border{ border-color:rgb(255, 207, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7177, 67.5516, 31.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 132) }
```

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

```
.background{ background-color: rgb(255,  
207, 132) }
```

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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