

Converting Colors

XYZ(102.1225, 82.8275,
35.6255)

Have a look what the booklet for XYZ(102.1225, 82.8275, 35.6255) contains.

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Color

**XYZ(66.7020, 64.4916,
34.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC88D
RGB	255, 200, 141
RGB Percent	100%, 78%, 55%
CMY	0.0000, 0.2157, 0.4471
CMYK	0.00, 0.22, 0.45, 0.00
HSL	31°, 100%, 78%
HSV	31°, 45%, 100%
XYZ	66.7020, 64.4916, 34.1319
YIQ	209.7190, 51.7190, -6.6890

Conversions

Conversions Part 2

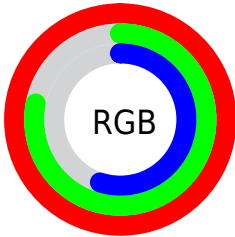
Format	Color
R _Y B	247, 255, 141
Decimal	16763021
CIE Lab	84.22, 12.34, 36.93
CIE LCh	84, 38.940, 71.524
Yxy	64.4916, 0.4035, 0.3901
Android (android.graphics.Color)	4294953101 (0xFFFFC88D)
YUV	209.7190, -33.8785, 39.7114
Hunter-Lab	80.3067, 7.7239, 31.0153

Details

The XYZ color **66.7020, 64.4916, 34.1319** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7737, 52.3607, 102.1436**, and the grayscale version is **61.2670, 64.4576, 70.1944**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **34.8893, 33.0317, 14.2098** is the 20% darker color. If you saturate the color by 10%, you get **62.2837, 58.3499, 24.3515**, and if you desaturate by 10%, it is **71.7896, 71.2727, 46.2916**.

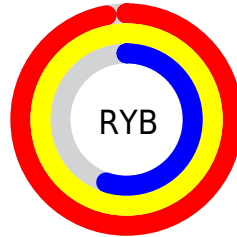
Distribution



Red (100%)

Green (78%)

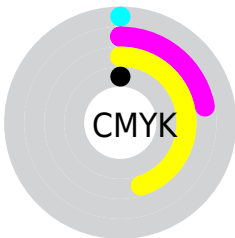
Blue (55%)



Red (97%)

Yellow (100%)

Blue (55%)

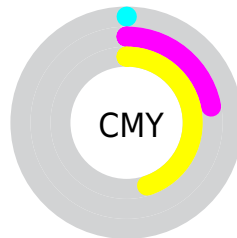


Cyan (0%)

Magenta (22%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7020, 64.4916, 34.1319 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 66.7020, 64.4916, 34.1319 by changing the saturation by 10% instead.


 66.7020, 64.4916,
34.1319

 66.7020, 64.4916,
34.1319

438.3325,
440.9627, 335.5069


 49.1123, 47.0490,
22.7168


 113.5455,
111.3186, 67.2750

 34.9235, 33.0744,
14.1812

 143.5299,
141.4718, 89.8400

 23.7702, 22.1834,
8.1066


 178.3767,
176.6306, 116.9587

 15.2870, 13.9917,
4.0745

218.4511,
217.1794, 149.0497

 9.1087, 8.1149,
1.6663

264.1186,
263.5026, 186.5315

 4.8698, 4.1686,
0.3375

315.7443,

 2.2051, 1.7683,

315.9847, 229.8225

0.0000

373.6939,
375.0099, 279.3415

■ 0.7454, 0.4673,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7020, 64.4916,
34.1319

■ 66.7020, 64.4916,
34.1319

■ 62.2837, 58.3499,
24.3515

■ 71.7896, 71.2727,
46.2916

■ 58.4942, 52.8155,
16.7848

■ 77.5743, 78.7052,
60.9734

■ 55.2951, 47.8666,
11.2506

■ 84.0881, 86.8125,
78.3131

■ 52.6408, 43.4757,
7.5368

■ 91.3592, 95.6137,
98.4358

■ 50.4762, 39.6110, 95.0499, 100.0000,
5.3833 108.9000

■ 49.4893, 37.7587,
4.6798

Harmonies

Analogous

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



74.5641, 64.4916, 43.2160



66.7020, 64.4916, 34.1319



58.0450, 64.4916, 33.2191

Triad

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



66.7020, 64.4916, 34.1319



46.4474, 64.4916, 80.1382



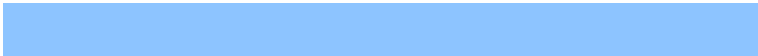
72.9562, 64.4916, 112.0969

Complementary

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



66.7020, 64.4916, 34.1319



48.7737, 52.3607, 102.1436

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.



64.6690, 64.4916, 127.7647



66.7020, 64.4916, 34.1319



49.7056, 64.4916, 106.6284

Square

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



66.7020, 64.4916, 34.1319



46.8811, 64.4916, 56.2246



56.1928, 64.4916, 125.5570



78.4019, 64.4916, 86.3651

Rectangle

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



66.7020, 64.4916, 34.1319



53.0323, 64.4916, 37.0287



56.1928, 64.4916, 125.5570



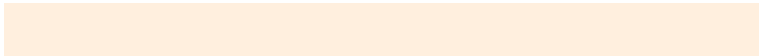
70.3794, 64.4916, 118.9596

Sweetspot

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



66.7036, 64.4947, 34.1332



85.2736, 88.2637, 81.5441



60.7404, 44.3005, 57.6343



17.9245, 18.4908, 16.5619



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.



66.7036, 64.4947, 34.1332



62.5743, 58.7630, 24.9666



81.1122, 94.3444, 39.1354



18.7871, 19.5424, 18.9262



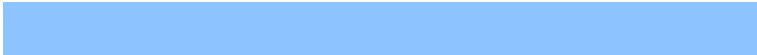
26.0096, 20.0305, 2.4954



2.6419, 2.1691, 0.2794

Inverse Universe

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



48.7737, 52.3607, 102.1436



42.5104, 45.1906, 101.0899



38.8859, 32.1013, 98.7543



17.7261, 18.8239, 22.9491



13.2813, 11.4721, 50.9489



1.4019, 1.3345, 4.9970

Previews

White Background



This preview shows how the XYZ color 66.7020, 64.4916, 34.1319 looks on a white background.

Color Contrast Check

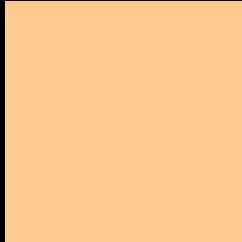
Large Text (above 18pt) WCAG AA × Fail

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 66.7020, 64.4916, 34.1319 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 66.7020, 64.4916, 34.1319

Background



This preview shows how black text looks on a background with the XYZ color 66.7020, 64.4916, 34.1319.



This preview shows how white text looks on a background with the XYZ color 66.7020, 64.4916,

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

66.7020, 64.4916, 34.1319

Protanopia

59.8360, 64.4684, 36.0780

Deuteranopia

65.8392, 64.3918, 34.1581



Tritanopia

71.7943, 64.3486, 67.6680

Trichromacy



Original Color

66.7020, 64.4916, 34.1319

Protanomaly

62.0304, 64.1608, 35.5005

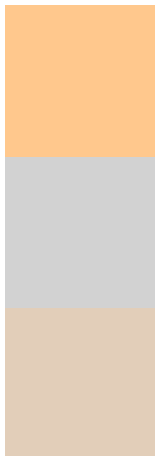
Deuteranomaly

66.2024, 64.5790, 34.1751

Tritanomaly

69.5272, 64.1588, 53.5191

Monochromacy



Original Color

66.7020, 64.4916, 34.1319

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.1923, 63.8141, 54.9384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7020, 64.4916, 34.1319 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, 200, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 141)  
}
```

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, 200, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 141) }
```

Border

The CSS property to change the border of an element to XYZ 66.7020, 64.4916, 34.1319 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, 200, 141) }
```


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

```
.border{ border-color:rgb(255, 200, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 141); box-shadow:4px 4px 4px 4px rgb(255, 200, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7020, 64.4916, 34.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 141) }
```

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

```
.background{ background-color: rgb(255,  
200, 141) }
```

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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