

Converting Colors

XYZ(72.3804, 67.6221, 33.2329)

Have a look what the booklet for
XYZ(72.3804, 67.6221, 33.2329)
contains.

XYZ(66.7141, 64.8683, 33.0494)	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(66.7141, 64.8683,
33.0494)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC98A
RGB	255, 201, 138
RGB Percent	100%, 79%, 54%
CMY	0.0000, 0.2117, 0.4588
CMYK	0.00, 0.21, 0.46, 0.00
HSL	32°, 100%, 77%
HSV	32°, 46%, 100%
XYZ	66.7141, 64.8683, 33.0494
YIQ	209.9640, 52.4070, -8.1450

Conversions

Conversions Part 2

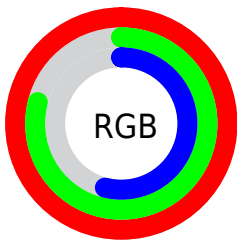
Format	Color
R_{YB}	238, 255, 138
Decimal	16763274
CIE _{Lab}	84.42, 11.53, 38.72
CIE _{LCh}	84, 40.400, 73.421
Yxy	64.8683, 0.4052, 0.3940
Android (android.graphics.Color)	4294953354 (0xFFFFC98A)
YUV	209.9640, -35.4783, 39.4966
Hunter-Lab	80.5409, 6.9097, 32.0493

Details

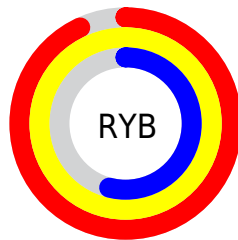
The XYZ color **66.7141, 64.8683, 33.0494** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3801, 50.3206, 101.8231**, and the grayscale version is **61.4378, 64.6374, 70.3901**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **34.9190, 33.2913, 13.6023** is the 20% darker color. If you saturate the color by 10%, you get **62.4416, 58.9390, 23.5616**, and if you desaturate by 10%, it is **71.6334, 71.3975, 44.8923**.

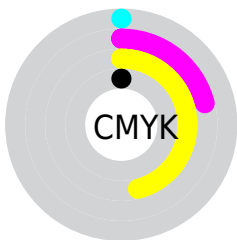
Distribution



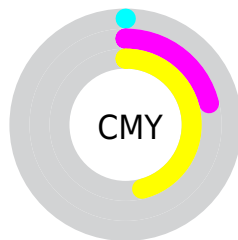
- Red (100%)
- Green (79%)
- Blue (54%)



- Red (93%)
- Yellow (100%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7141, 64.8683, 33.0494 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 66.7141, 64.8683, 33.0494 by changing the saturation by 10% instead.


 66.7141, 64.8683,
33.0494

 66.7141, 64.8683,
33.0494


438.3749,
442.3185, 330.5111


 49.1222, 47.3543,
21.8929


 113.5627,
111.8605, 65.5695

 34.9313, 33.3158,
13.5806


 143.5501,
142.1075, 87.7702

 23.7763, 22.3685,
7.6942


 178.4000,
177.3676, 114.4894

 15.2916, 14.1279,
3.8149

218.4778,
218.0252, 146.1456

 9.1119, 8.2097,
1.5244

264.1488,
264.4647, 183.1573

 4.8719, 4.2294,
0.2360

315.7785,

 2.2063, 1.8027,

317.0705, 225.9431

0.0000

373.7320,
376.2270, 274.9215

■ 0.7461, 0.4889,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7141, 64.8683,
33.0494

■ 66.7141, 64.8683,
33.0494

■ 62.4416, 58.9390,
23.5616

■ 71.6334, 71.3975,
44.8923

■ 58.7756, 53.5787,
16.2612

■ 77.2271, 78.5376,
59.2342

■ 55.6781, 48.7668,
10.9645

■ 83.5267, 86.3105,
76.2123

■ 53.1032, 44.4771,
7.4553

■ 90.5599, 94.7344,
95.9522

■ 50.9953, 40.6787, 95.0499, 99.9999,
5.4657 108.9000

■ 50.2312, 39.2425,
4.9271

Harmonies

Analogous

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



75.0647, 64.8683, 41.8040



66.7141, 64.8683, 33.0494



57.7343, 64.8683, 32.6261

Triad

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



66.7141, 64.8683, 33.0494



46.3405, 64.8683, 82.7397



74.3001, 64.8683, 112.9748

Complementary

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



66.7141, 64.8683, 33.0494



47.3801, 50.3206, 101.8231

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.



65.7500, 64.8683, 130.4682



66.7141, 64.8683, 33.0494



49.9464, 64.8683, 110.3597

Square

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



66.7141, 64.8683, 33.0494



46.5444, 64.8683, 57.4404



56.8591, 64.8683, 129.4092



79.7270, 64.8683, 85.6995

Rectangle

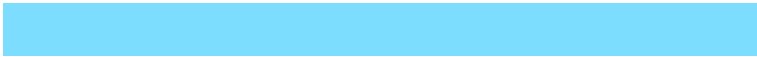
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7141, 64.8683, 33.0494



52.6266, 64.8683, 36.8772



56.8591, 64.8683, 129.4092



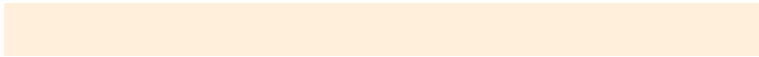
71.6619, 64.8683, 120.4598

Sweetspot

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



66.7157, 64.8714, 33.0507



84.7933, 87.8454, 79.7119



59.9098, 43.2700, 55.4134



17.8389, 18.4263, 16.2044



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.



66.7157, 64.8714, 33.0507



62.7935, 59.4388, 24.3076



80.1671, 93.8826, 37.9415



18.8197, 19.6075, 18.9371



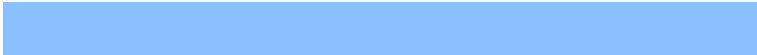
26.3981, 20.8074, 2.6249



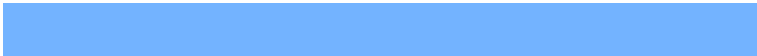
2.6796, 2.2446, 0.2920

Inverse Universe

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



47.3801, 50.3206, 101.8231



41.3026, 43.2783, 100.7844



38.2773, 31.1397, 98.6006



17.6938, 18.7592, 22.9383



12.9426, 10.7947, 50.8360



1.3680, 1.2668, 4.9857

Previews

White Background



This preview shows how the XYZ color 66.7141, 64.8683, 33.0494 looks on a white background.

Color Contrast Check

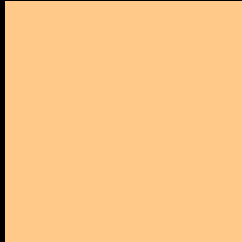
Large Text (above 18pt) WCAG AA × Fail

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 66.7141, 64.8683, 33.0494 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 66.7141, 64.8683, 33.0494

Background



This preview shows how black text looks on a background with the XYZ color 66.7141, 64.8683, 33.0494.



This preview shows how white text looks on a background with the XYZ color 66.7141, 64.8683,

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

66.7141, 64.8683, 33.0494

Protanopia

60.4898, 65.1995, 34.9878

Deuteranopia

66.5810, 65.1469, 33.1102



Tritanopia

72.1403, 64.8443, 68.3885

Trichromacy



Original Color

66.7141, 64.8683, 33.0494

Protanomaly

62.3804, 64.7259, 34.4048

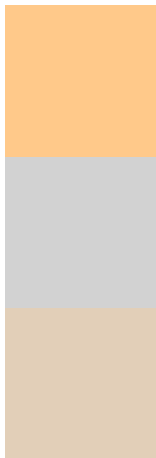
Deuteranomaly

66.5810, 65.1469, 33.1102

Tritanomaly

69.7535, 64.6114, 53.5946

Monochromacy



Original Color

66.7141, 64.8683, 33.0494

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.3286, 64.2551, 54.4648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7141, 64.8683, 33.0494 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, 201, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 138)  
}
```

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, 201, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 138) }
```

Border

The CSS property to change the border of an element to XYZ 66.7141, 64.8683, 33.0494 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, 201, 138) }
```


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

```
.border{ border-color:rgb(255, 201, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 138); box-shadow:4px 4px 4px 4px rgb(255, 201, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7141, 64.8683, 33.0494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 138) }
```

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

```
.background{ background-color: rgb(255,  
201, 138) }
```

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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