

Converting Colors

XYZ(72.4699, 66.0070, 33.2992)

Have a look what the booklet for
XYZ(72.4699, 66.0070, 33.2992)
contains.

XYZ(65.6401, 62.6039, 33.0503) 3

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Color

**XYZ(65.6401, 62.6039,
33.0503)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC48B
RGB	255, 196, 139
RGB Percent	100%, 77%, 55%
CMY	0.0000, 0.2313, 0.4549
CMYK	0.00, 0.23, 0.45, 0.00
HSL	29°, 100%, 77%
HSV	29°, 45%, 100%
XYZ	65.6401, 62.6039, 33.0503
YIQ	207.1430, 53.4610, -5.2190

Conversions

Conversions Part 2

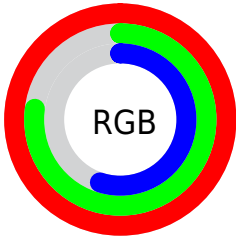
Format	Color
R _Y B	255, 251, 139
Decimal	16761995
CIE Lab	83.23, 14.23, 36.68
CIE LCh	83, 39.343, 68.802
Yxy	62.6039, 0.4070, 0.3881
Android (android.graphics.Color)	4294952075 (0xFFFFC48B)
YUV	207.1430, -33.5945, 41.9706
Hunter-Lab	79.1226, 9.6189, 30.6198

Details

The XYZ color **65.6401, 62.6039, 33.0503** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8907, 53.0951, 102.2790**, and the grayscale version is **59.5873, 62.6905, 68.2700**.

A 20% lighter version of the original color is **85.9909, 95.3608, 64.3263**, and **34.1994, 31.7863, 13.5654** is the 20% darker color. If you saturate the color by 10%, you get **61.1902, 56.3462, 23.4222**, and if you desaturate by 10%, it is **70.7805, 69.5472, 45.0536**.

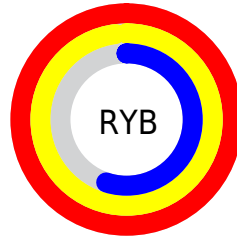
Distribution



Red (100%)

Green (77%)

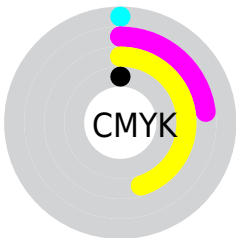
Blue (55%)



Red (100%)

Yellow (98%)

Blue (55%)

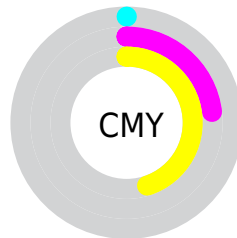


Cyan (0%)

Magenta (23%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (23%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6401, 62.6039, 33.0503 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 65.6401, 62.6039, 33.0503 by changing the saturation by 10% instead.


 65.6401, 62.6039,
33.0503


 65.6401, 62.6039,
33.0503


434.5976,
434.1305, 330.5153


 48.2469, 45.5208,
21.8935


 112.0302,
108.5979, 65.5710

 34.2345, 31.8679,
13.5811


 141.7579,
138.2776, 87.7720

 23.2376, 21.2606,
7.6945


 176.3277,
172.9249, 114.4915

 14.8907, 13.3146,
3.8151

216.1052,
212.9243, 146.1480

 8.8285, 7.6456,
1.5245

261.4555,
258.6602, 183.1601

 4.6857, 3.8690,
0.2361

312.7441,

 2.0969, 1.6006,

310.5169, 225.9463

0.0000

370.3364,
368.8789, 274.9252

0.6875, 0.3580,
0.0000

0.0000, 0.0000,
0.0000

65.6401, 62.6039,
33.0503

65.6401, 62.6039,
33.0503

61.1902, 56.3462,
23.4222

70.7805, 69.5472,
45.0536

57.3892, 50.7401,
16.0021

76.6407, 77.1904,
59.5762

54.1973, 45.7614,
10.6063

83.2535, 85.5585,
76.7552

51.5672, 41.3802,
7.0197

90.6481, 94.6725,
96.7166

■ 49.4416, 37.5619, 95.0499, 99.9999,
4.9764 108.9000

■ 48.6133, 36.0068,
4.3878

Harmonies

Analogous

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



73.2384, 62.6039, 42.7403



65.6401, 62.6039, 33.0503



57.0259, 62.6039, 31.4546

Triad

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



65.6401, 62.6039, 33.0503



44.7071, 62.6039, 75.6165



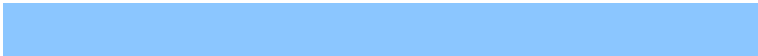
70.3965, 62.6039, 111.7720

Complementary

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



65.6401, 62.6039, 33.0503



48.8907, 53.0951, 102.2790

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.



62.0511, 62.6039, 125.9960



65.6401, 62.6039, 33.0503



47.6023, 62.6039, 102.0817

Square

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



65.6401, 62.6039, 33.0503



45.4699, 62.6039, 52.5357



53.7611, 62.6039, 122.0789



76.1620, 62.6039, 86.6221

Rectangle

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



65.6401, 62.6039, 33.0503



51.9379, 62.6039, 34.7036



53.7611, 62.6039, 122.0789



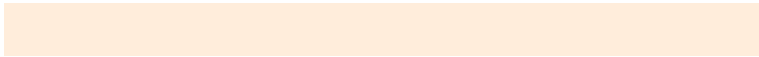
67.7695, 62.6039, 118.2336

Sweetspot

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



65.6416, 62.6069, 33.0515



84.3048, 86.8684, 79.5490



60.7740, 43.8462, 59.2528



17.7200, 18.1885, 16.1648



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.



65.6416, 62.6069, 33.0515



61.3927, 56.6373, 23.8407



81.0465, 93.4166, 38.1865



18.7465, 19.4611, 18.9127



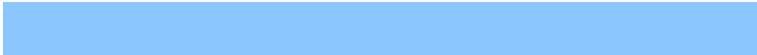
25.5502, 19.1117, 2.3423



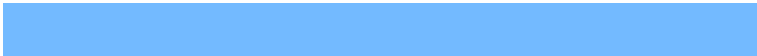
2.5967, 2.0788, 0.2644

Inverse Universe

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



48.8907, 53.0951, 102.2790



42.6626, 45.9983, 101.2377



38.2131, 31.7398, 98.7198



17.7667, 18.9050, 22.9626



13.7307, 12.3709, 51.0987



1.4462, 1.4232, 5.0118

Previews

White Background



This preview shows how the XYZ color 65.6401, 62.6039, 33.0503 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 65.6401, 62.6039, 33.0503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

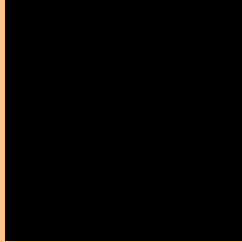
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6401, 62.6039, 33.0503

Background



This preview shows how black text looks on a background with the XYZ color 65.6401, 62.6039, 33.0503.



This preview shows how white text looks on a background with the XYZ color 65.6401, 62.6039,

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

65.6401, 62.6039, 33.0503

Protanopia

58.3304, 62.9727, 35.4662

Deuteranopia

64.0778, 62.8216, 32.7933



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

65.6401, 62.6039, 33.0503

Protanomaly

60.7363, 62.8009, 34.5118

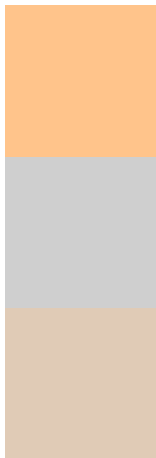
Deuteranomaly

64.5652, 62.7324, 32.7504

Tritanomaly

68.3279, 62.2546, 51.5951

Monochromacy



Original Color

65.6401, 62.6039, 33.0503

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.5399, 61.9366, 53.0201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6401, 62.6039, 33.0503 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, 196, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 139)  
}
```

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, 196, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 139) }
```

Border

The CSS property to change the border of an element to XYZ 65.6401, 62.6039, 33.0503 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, 196, 139) }
```


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

```
.border{ border-color:rgb(255, 196, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6401, 62.6039, 33.0503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 139) }
```

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

```
.background{ background-color: rgb(255,  
196, 139) }
```

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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