

Converting Colors

XYZ(66.9960, 61.4551, 35.3935)

Have a look what the booklet for
XYZ(66.9960, 61.4551, 35.3935)
contains.

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Color

**XYZ(65.0591, 60.5969,
35.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF92
RGB	255, 191, 146
RGB Percent	100%, 75%, 57%
CMY	0.0000, 0.2510, 0.4274
CMYK	0.00, 0.25, 0.43, 0.00
HSL	25°, 100%, 79%
HSV	25°, 43%, 100%
XYZ	65.0591, 60.5969, 35.4615
YIQ	205.0060, 52.5890, -0.4270

Conversions

Conversions Part 2

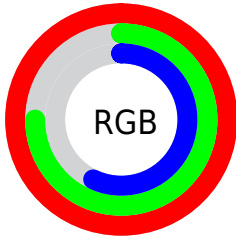
Format	Color
R_{YB}	255, 223, 146
Decimal	16760722
CIE _{Lab}	82.16, 17.54, 31.64
CIE _{LCh}	82, 36.177, 60.999
Yxy	60.5969, 0.4038, 0.3761
Android (android.graphics.Color)	4294950802 (0xFFFFBF92)
YUV	205.0060, -29.0900, 43.8447
Hunter-Lab	77.8440, 12.9566, 27.4815

Details

The XYZ color **65.0591, 60.5969, 35.4615** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.9497, 59.4219, 103.2864**, and the grayscale version is **58.1892, 61.2196, 66.6682**.

A 20% lighter version of the original color is **84.9261, 91.9517, 67.9159**, and **33.7762, 30.4533, 14.9244** is the 20% darker color. If you saturate the color by 10%, you get **60.1929, 53.6928, 25.1206**, and if you desaturate by 10%, it is **70.7045, 68.3513, 48.2459**.

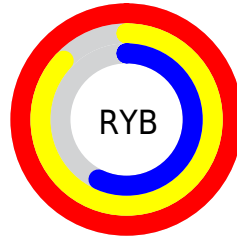
Distribution



Red (100%)

Green (75%)

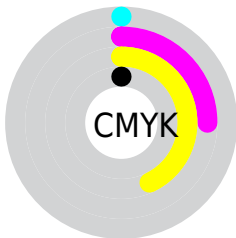
Blue (57%)



Red (100%)

Yellow (87%)

Blue (57%)

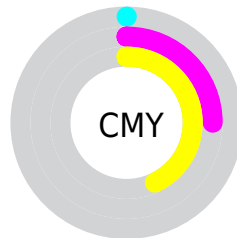


Cyan (0%)

Magenta (25%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0591, 60.5969, 35.4615 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 65.0591, 60.5969, 35.4615 by changing the saturation by 10% instead.


 65.0591, 60.5969,
35.4615

 65.0591, 60.5969,
35.4615


432.5462,
426.7944, 341.5666

 47.7739, 43.8999,
23.7322


 111.2001,
105.6951, 69.3598

 33.8584, 30.5918,
14.9247


 140.7865,
134.8650, 92.3658

 22.9472, 20.2883,
8.6205


175.2041,
168.9615, 119.9678

 14.6750, 12.6047,
4.4011

214.8181,
208.3688, 152.5843

 8.6764, 7.1569,
1.8479

259.9940,
253.4713, 190.6340

 4.5862, 3.5604,
0.4593

311.0971,

 2.0388, 1.4309,

304.6535, 234.5352

0.0000

368.4927,
362.2998, 284.7066

0.6556, 0.2393,
0.0000

0.0000, 0.0000,
0.0000

65.0591, 60.5969,
35.4615

65.0591, 60.5969,
35.4615

60.1929, 53.6928,
25.1206

70.7045, 68.3513,
48.2459

56.0617, 47.5984,
17.0595

77.1611, 76.9772,
63.6156

52.6230, 42.2824,
11.1000

84.4646, 86.5057,
81.7058

49.8273, 37.7072,
7.0351

92.6467, 96.9638,
102.6412

■ 47.6161, 33.8309, 95.0499, 100.0000,
4.6144 108.9000

■ 46.3209, 31.4219,
3.6237

Harmonies

Analogous

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



71.2099, 60.5969, 46.4996



65.0591, 60.5969, 35.4615



57.3383, 60.5969, 32.0729

Triad

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



65.0591, 60.5969, 35.4615



44.0510, 60.5969, 66.7204



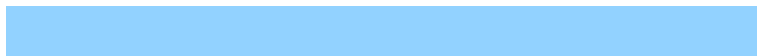
65.5443, 60.5969, 109.2982

Complementary

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



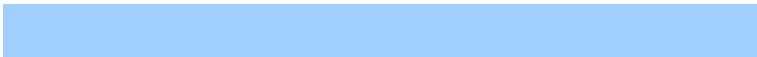
65.0591, 60.5969, 35.4615



52.9497, 59.4219, 103.2864

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.



57.8536, 60.5969, 117.9693



65.0591, 60.5969, 35.4615



45.8374, 60.5969, 90.2578

Square

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



65.0591, 60.5969, 35.4615



45.6165, 60.5969, 47.5191



50.7258, 60.5969, 110.3345



71.5071, 60.5969, 88.6920

Rectangle

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



65.0591, 60.5969, 35.4615



52.4619, 60.5969, 33.8376



50.7258, 60.5969, 110.3345



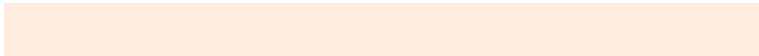
63.0536, 60.5969, 113.8872

Sweetspot

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



65.0606, 60.5998, 35.4627



84.2672, 86.2508, 81.2086



63.3273, 46.5415, 67.5374



17.6767, 17.9953, 16.4793



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.



65.0606, 60.5998, 35.4627



60.9879, 54.8383, 26.7557



78.8092, 88.0969, 40.0456



18.6254, 19.2190, 18.8723



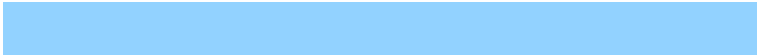
24.3423, 16.6959, 1.9396



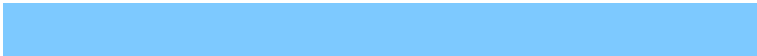
2.4747, 1.8348, 0.2237

Inverse Universe

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



52.9497, 59.4219, 103.2864



47.4575, 53.4909, 102.4312



41.9447, 37.4118, 99.6181



17.8893, 19.1503, 23.0035



15.2570, 15.4237, 51.6075



1.5933, 1.7172, 5.0608

Previews

White Background



This preview shows how the XYZ color 65.0591, 60.5969, 35.4615 looks on a white background.

Color Contrast Check

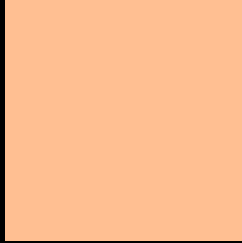
Large Text (above 18pt) WCAG AA × Fail

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 65.0591, 60.5969, 35.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

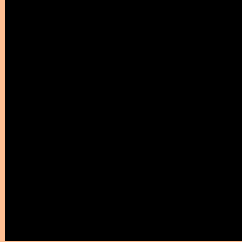
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0591, 60.5969, 35.4615

Background



This preview shows how black text looks on a background with the XYZ color 65.0591, 60.5969, 35.4615.



This preview shows how white text looks on a background with the XYZ color 65.0591, 60.5969,

35.4615.

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

65.0591, 60.5969, 35.4615

Protanopia

56.7756, 60.6684, 38.4235

Deuteranopia

61.8129, 60.5789, 35.2231



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

65.0591, 60.5969, 35.4615

Protanomaly

59.5327, 60.3725, 37.3695

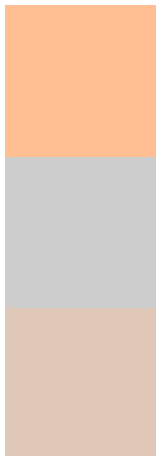
Deuteranomaly

62.7604, 60.4021, 35.1390

Tritanomaly

67.4614, 60.5217, 51.3063

Monochromacy



Original Color

65.0591, 60.5969, 35.4615

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.7374, 60.4572, 53.8683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0591, 60.5969, 35.4615 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, 191, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 146)  
}
```

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, 191, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 146) }
```

Border

The CSS property to change the border of an element to XYZ 65.0591, 60.5969, 35.4615 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, 191, 146) }
```


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

```
.border{ border-color:rgb(255, 191, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0591, 60.5969, 35.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 146) }
```

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

```
.background{ background-color: rgb(255,  
191, 146) }
```

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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