

Converting Colors

XYZ(65.4609, 61.2287, 36.1252)

Have a look what the booklet for
XYZ(65.4609, 61.2287, 36.1252)
contains.

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Color

**XYZ(65.3561, 61.0659,
35.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC093
RGB	255, 192, 147
RGB Percent	100%, 75%, 58%
CMY	0.0000, 0.2470, 0.4235
CMYK	0.00, 0.25, 0.42, 0.00
HSL	25°, 100%, 79%
HSV	25°, 42%, 100%
XYZ	65.3561, 61.0659, 35.9460
YIQ	205.7070, 51.9930, -0.6390

Conversions

Conversions Part 2

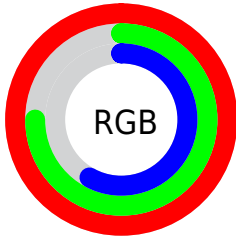
Format	Color
R _Y B	255, 224, 147
Decimal	16760979
CIE Lab	82.41, 17.12, 31.45
CIE LCh	82, 35.810, 61.440
Yxy	61.0659, 0.4025, 0.3761
Android (android.graphics.Color)	4294951059 (0xFFFFC093)
YUV	205.7070, -28.9426, 43.2300
Hunter-Lab	78.1447, 12.5348, 27.4283

Details

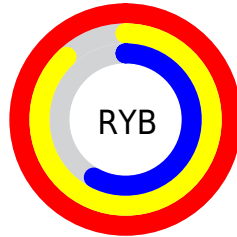
The XYZ color **65.3561, 61.0659, 35.9460** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1282, 59.5138, 103.2947**, and the grayscale version is **58.6361, 61.6898, 67.1801**.

A 20% lighter version of the original color is **85.3500, 92.6118, 68.6358**, and **33.9647, 30.7572, 15.2129** is the 20% darker color. If you saturate the color by 10%, you get **60.4704, 54.1497, 25.5157**, and if you desaturate by 10%, it is **71.0184, 68.8255, 48.8244**.

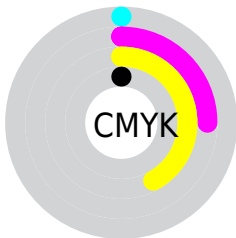
Distribution



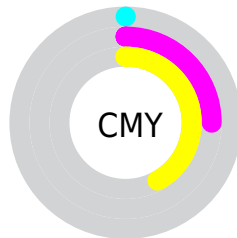
- Red (100%)
- Green (75%)
- Blue (58%)



- Red (100%)
- Yellow (88%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3561, 61.0659, 35.9460 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 65.3561, 61.0659, 35.9460 by changing the saturation by 10% instead.

 65.3561, 61.0659,
35.9460


 65.3561, 61.0659,
35.9460


433.5956,
428.5156, 343.7547

 48.0157, 44.2784,
24.1031


 111.6245,
106.3743, 70.1168

 34.0506, 30.8894,
15.1972


 141.2832,
135.6640, 93.2818

 23.0955, 20.5146,
8.8098


175.7787,
169.8899, 121.0580

 14.7852, 12.7697,
4.5222

215.4764,
209.4363, 153.8638

 8.7541, 7.2701,
1.9160

260.7415,
254.6877, 192.1179

 4.6369, 3.6316,
0.5029

311.9395,

 2.0684, 1.4697,

306.0285, 236.2387

0.0000

369.4357,
363.8430, 286.6448

0.6720, 0.2673,
0.0000

0.0000, 0.0000,
0.0000

65.3561, 61.0659,
35.9460

65.3561, 61.0659,
35.9460

60.4704, 54.1497,
25.5157

71.0184, 68.8255,
48.8244

56.3174, 48.0367,
17.3705

77.4891, 77.4492,
64.2922

52.8552, 42.6962,
11.3332

84.8034, 86.9677,
82.4840

50.0345, 38.0913,
7.1980

92.9930, 97.4075,
103.5241

■ 47.7978, 34.1806, 95.0499, 100.0000,
4.7171 108.9000

■ 46.4212, 31.6225,
3.6571

Harmonies

Analogous

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



71.5074, 61.0659, 46.8608



65.3561, 61.0659, 35.9460



57.6727, 61.0659, 32.6608

Triad

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



65.3561, 61.0659, 35.9460



44.5520, 61.0659, 67.5538



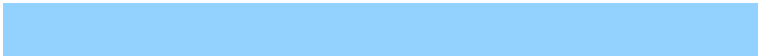
66.0510, 61.0659, 109.2626

Complementary

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



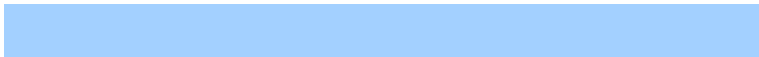
65.3561, 61.0659, 35.9460



53.1282, 59.5138, 103.2947

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.



58.4115, 61.0659, 118.0775



65.3561, 61.0659, 35.9460



46.3818, 61.0659, 90.9543

Square

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



65.3561, 61.0659, 35.9460



46.0644, 61.0659, 48.3269



51.2937, 61.0659, 110.7423



71.9327, 61.0659, 88.7151

Rectangle

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



65.3561, 61.0659, 35.9460



52.8325, 61.0659, 34.4996



51.2937, 61.0659, 110.7423



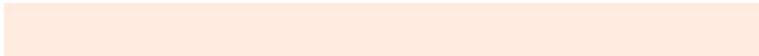
63.5817, 61.0659, 113.8759

Sweetspot

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



65.3576, 61.0688, 35.9472



84.3036, 86.3237, 81.2207



63.3068, 46.7811, 66.6662



17.6857, 18.0132, 16.4823



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.



65.3576, 61.0688, 35.9472



61.0876, 55.0376, 26.7889



79.4623, 89.2781, 40.6488



18.6313, 19.2307, 18.8743



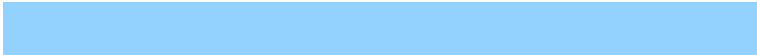
24.3954, 16.8020, 1.9573



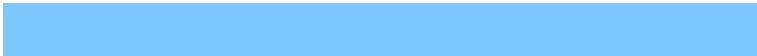
2.4802, 1.8457, 0.2255

Inverse Universe

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



53.1282, 59.5138, 103.2947



47.3415, 53.2589, 102.3926



41.9716, 37.2006, 99.5759



17.8833, 19.1383, 23.0015



15.1764, 15.2624, 51.5806



1.5856, 1.7019, 5.0582

Previews

White Background



This preview shows how the XYZ color 65.3561, 61.0659, 35.9460 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 65.3561, 61.0659, 35.9460 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 65.3561, 61.0659, 35.9460

Background



This preview shows how black text looks on a background with the XYZ color 65.3561, 61.0659, 35.9460.



This preview shows how white text looks on a background with the XYZ color 65.3561, 61.0659,

35.9460.

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

65.3561, 61.0659, 35.9460

Protanopia

57.0963, 61.1782, 38.9363

Deuteranopia

62.4628, 61.2409, 35.7227



Tritanopia

69.4357, 60.9708, 62.7525

Trichromacy



Original Color

65.3561, 61.0659, 35.9460

Protanomaly

59.8445, 60.8666, 37.8724

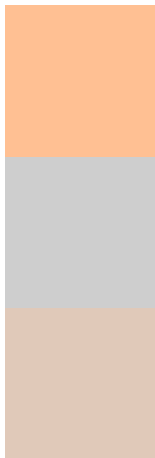
Deuteranomaly

63.4148, 61.0620, 35.6380

Tritanomaly

67.7781, 60.9914, 51.9163

Monochromacy



Original Color

65.3561, 61.0659, 35.9460

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.3841, 61.1234, 54.5143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3561, 61.0659, 35.9460 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, 192, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 147)  
}
```

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, 192, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 147) }
```

Border

The CSS property to change the border of an element to XYZ 65.3561, 61.0659, 35.9460 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, 192, 147) }
```


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

```
.border{ border-color:rgb(255, 192, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3561, 61.0659, 35.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 147) }
```

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

```
.background{ background-color: rgb(255,  
192, 147) }
```

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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