

Converting Colors

XYZ(65.9965, 61.0467, 40.1671)

Have a look what the booklet for
XYZ(65.9965, 61.0467, 40.1671)
contains.

XYZ(65.9566, 60.9559, 40.1877)	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(65.9566, 60.9559,
40.1877)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF9D
RGB	255, 191, 157
RGB Percent	100%, 75%, 62%
CMY	0.0000, 0.2510, 0.3843
CMYK	0.00, 0.25, 0.38, 0.00
HSL	21°, 100%, 81%
HSV	21°, 38%, 100%
XYZ	65.9566, 60.9559, 40.1877
YIQ	206.2600, 49.0580, 2.9940

Conversions

Conversions Part 2

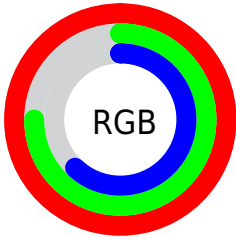
Format	Color
R _Y B	255, 209, 157
Decimal	16760733
CIE Lab	82.36, 18.72, 26.11
CIE LCh	82, 32.132, 54.362
Yxy	60.9559, 0.3947, 0.3648
Android (android.graphics.Color)	4294950813 (0xFFFFBF9D)
YUV	206.2600, -24.2852, 42.7450
Hunter-Lab	78.0743, 14.1656, 24.1332

Details

The XYZ color **65.9566, 60.9559, 40.1877** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.8101, 66.0986, 104.3191**, and the grayscale version is **58.9628, 62.0335, 67.5545**.

A 20% lighter version of the original color is **86.3844, 92.5350, 75.5954**, and **34.2604, 30.6470, 17.4743** is the 20% darker color. If you saturate the color by 10%, you get **60.5755, 53.3217, 28.7509**, and if you desaturate by 10%, it is **72.2081, 69.6034, 54.1573**.

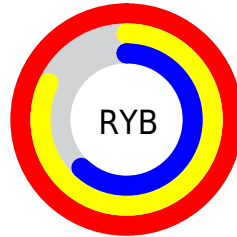
Distribution



Red (100%)

Green (75%)

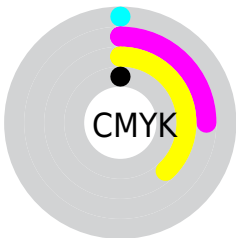
Blue (62%)



Red (100%)

Yellow (82%)

Blue (62%)

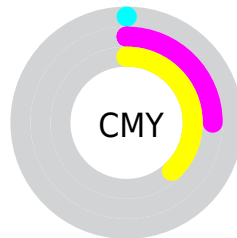


Cyan (0%)

Magenta (25%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9566, 60.9559, 40.1877 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 65.9566, 60.9559, 40.1877 by changing the saturation by 10% instead.


 65.9566, 60.9559,
40.1877


 65.9566, 60.9559,
40.1877


435.7127,
428.1123, 362.4897

 48.5047, 44.1896,
27.3700


 112.4821,
106.2151, 76.6895

 34.4397, 30.8196,
17.6164


 142.2865,
135.4767, 101.2106

 23.3961, 20.4615,
10.5084


176.9391,
169.6723, 130.4700

 15.0085, 12.7310,
5.6273

216.8052,
209.1861, 164.8862

 8.9117, 7.2435,
2.5547

262.2503,
254.4026, 204.8778

 4.7403, 3.6149,
0.8689

313.6397,

 2.1289, 1.4605,

305.7062, 250.8631

0.0000

371.3387,
363.4813, 303.2609

0.7048, 0.2607,
0.0000

0.0000, 0.0000,
0.0000

65.9566, 60.9559,
40.1877

65.9566, 60.9559,
40.1877

60.5755, 53.3217,
28.7509

72.2081, 69.6034,
54.1573

56.0179, 46.6532,
19.6886

79.3644, 79.2921,
70.7976

52.2390, 40.9116,
12.8304

87.4637, 90.0597,
90.2405

49.1875, 36.0516,
7.9808

95.0500, 100.0000,
108.9000

■ 46.8041, 32.0233,
4.9095

■ 45.0113, 28.7674,
3.2952

■ 44.7695, 28.3191,
3.1065

Harmonies

Analogous

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



70.7851, 60.9559, 51.9925



65.9566, 60.9559, 40.1877



59.2407, 60.9559, 35.4596

Triad

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



65.9566, 60.9559, 40.1877



45.7908, 60.9559, 62.7325



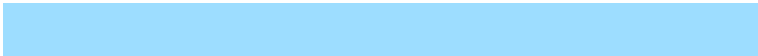
63.5425, 60.9559, 107.0136

Complementary

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



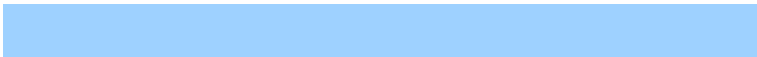
65.9566, 60.9559, 40.1877



57.8101, 66.0986, 104.3191

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.



56.6521, 60.9559, 111.4416



65.9566, 60.9559, 40.1877



46.7456, 60.9559, 83.1816

Square

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



65.9566, 60.9559, 40.1877



47.8763, 60.9559, 46.7252



50.5949, 60.9559, 101.9973



69.3162, 60.9559, 90.8701

Rectangle

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



65.9566, 60.9559, 40.1877



54.7302, 60.9559, 36.1197



50.5949, 60.9559, 101.9973



61.2662, 60.9559, 110.0397

Sweetspot

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



65.9582, 60.9588, 40.1889



84.4624, 86.0905, 82.9713



66.5269, 50.6664, 75.6153



17.8499, 18.1235, 17.2095



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.



65.9582, 60.9588, 40.1889



61.8063, 55.0874, 31.3064



78.0950, 85.2325, 44.2345



18.5248, 19.0177, 18.8388



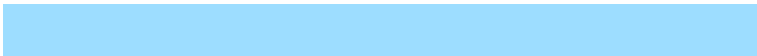
23.5183, 15.0477, 1.6650



2.3874, 1.6601, 0.1946

Inverse Universe

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



57.8101, 66.0986, 104.3191



52.6036, 60.8417, 103.5788



46.9628, 44.4040, 100.7033



17.9932, 19.3580, 23.0381



16.7509, 18.4114, 52.1055



1.7332, 1.9971, 5.1074

Previews

White Background



This preview shows how the XYZ color 65.9566, 60.9559, 40.1877 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 65.9566, 60.9559, 40.1877 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 65.9566, 60.9559, 40.1877

Background



This preview shows how black text looks on a background with the XYZ color 65.9566, 60.9559, 40.1877.



This preview shows how white text looks on a background with the XYZ color 65.9566, 60.9559,

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

65.9566, 60.9559, 40.1877

Protanopia

57.3556, 61.2124, 43.4425

Deuteranopia

62.2426, 61.0336, 39.9526



Tritanopia

69.4357, 60.9708, 62.7525

Trichromacy



Original Color

65.9566, 60.9559, 40.1877

Protanomaly

60.0423, 60.8707, 42.3029

Deuteranomaly

63.5219, 61.0233, 39.8832

Tritanomaly

67.8749, 60.6871, 53.4838

Monochromacy



Original Color

65.9566, 60.9559, 40.1877

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.7042, 61.2514, 56.2002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9566, 60.9559, 40.1877 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 157) }
```

Border

The CSS property to change the border of an element to XYZ 65.9566, 60.9559, 40.1877 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, 157) }
```


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

```
.border{ border-color:rgb(255, 191, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9566, 60.9559, 40.1877 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, 157) }
```

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

```
.background{ background-color: rgb(255,  
191, 157) }
```

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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