

Converting Colors

XYZ(67.3024, 61.9953, 41.1641)

Have a look what the booklet for
XYZ(67.3024, 61.9953, 41.1641)
contains.

XYZ(66.3476, 61.4625, 41.1674)	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(66.3476, 61.4625,
41.1674)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC09F
RGB	255, 192, 159
RGB Percent	100%, 75%, 62%
CMY	0.0000, 0.2470, 0.3765
CMYK	0.00, 0.25, 0.38, 0.00
HSL	21°, 100%, 81%
HSV	21°, 38%, 100%
XYZ	66.3476, 61.4625, 41.1674
YIQ	207.0750, 48.1410, 3.0930

Conversions

Conversions Part 2

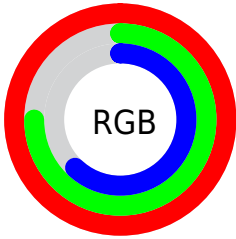
Format	Color
R_{YB}	255, 209, 159
Decimal	16760991
CIE _{Lab}	82.63, 18.42, 25.43
CIE _{LCh}	83, 31.400, 54.073
Yxy	61.4625, 0.3926, 0.3637
Android (android.graphics.Color)	4294951071 (0xFFFFC09F)
YUV	207.0750, -23.7010, 42.0302
Hunter-Lab	78.3980, 13.8665, 23.7450

Details

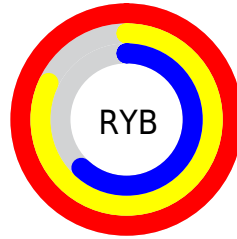
The XYZ color **66.3476, 61.4625, 41.1674** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.4682, 66.8308, 104.4256**, and the grayscale version is **59.4841, 62.5819, 68.1517**.

A 20% lighter version of the original color is **87.2533, 93.8664, 77.1376**, and **34.5073, 30.9743, 18.0698** is the 20% darker color. If you saturate the color by 10%, you get **60.8916, 53.7340, 29.5348**, and if you desaturate by 10%, it is **72.6809, 70.2149, 55.3457**.

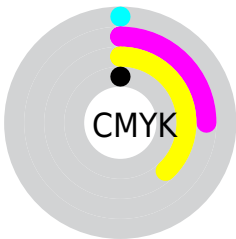
Distribution



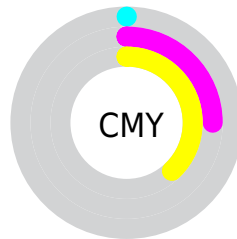
- Red (100%)
- Green (75%)
- Blue (62%)



- 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 66.3476, 61.4625, 41.1674 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 66.3476, 61.4625, 41.1674 by changing the saturation by 10% instead.


 66.3476, 61.4625,
41.1674


 66.3476, 61.4625,
41.1674


437.0881,
429.9678, 366.7171

 48.8234, 44.5985,
28.1292


 113.0401,
106.9483, 78.1944

 34.6933, 31.1413,
18.1832


 142.9390,
136.3389, 103.0203

 23.5922, 20.7065,
10.9108


177.6936,
170.6739, 132.6125

 15.1545, 12.9096,
5.8935

217.6691,
210.3376, 167.3895

 9.0149, 7.3663,
2.7127

263.2310,
255.7145, 207.7700

 4.8081, 3.6922,
0.9498

314.7445,

 2.1687, 1.5029,

307.1889, 254.1724

0.0000

372.5751,
365.1451, 307.0152

0.7262, 0.2908,
0.0000

0.0000, 0.0000,
0.0000

66.3476, 61.4625,
41.1674

66.3476, 61.4625,
41.1674

60.8916, 53.7340,
29.5348

72.6809, 70.2149,
55.3457

56.2661, 46.9814,
20.2906

79.9261, 80.0194,
72.2065

52.4266, 41.1658,
13.2657

88.1211, 90.9136,
91.8813

49.3216, 36.2417,
8.2669

95.0499, 100.0000,
108.9000

■ 46.8927, 32.1591,
5.0671

■ 45.0662, 28.8599,
3.3676

■ 44.7027, 28.1856,
3.0843

Harmonies

Analogous

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



71.0521, 61.4625, 52.9110



66.3476, 61.4625, 41.1674



59.7653, 61.4625, 36.4059

Triad

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



66.3476, 61.4625, 41.1674



46.4656, 61.4625, 63.1663



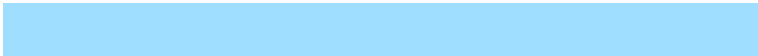
63.8590, 61.4625, 106.7979

Complementary

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



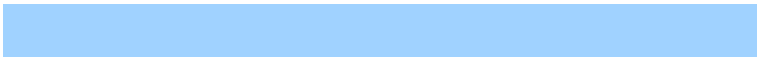
66.3476, 61.4625, 41.1674



58.4682, 66.8308, 104.4256

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.



57.0916, 61.4625, 110.9837



66.3476, 61.4625, 41.1674



47.3785, 61.4625, 83.2114

Square

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



66.3476, 61.4625, 41.1674



48.5506, 61.4625, 47.4413



51.1473, 61.4625, 101.6545



69.5398, 61.4625, 91.1169

Rectangle

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



66.3476, 61.4625, 41.1674



55.3270, 61.4625, 37.0187



51.1473, 61.4625, 101.6545



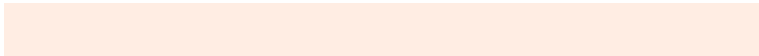
61.6226, 61.4625, 109.7075

Sweetspot

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



66.3492, 61.4654, 41.1686



85.2650, 87.1367, 84.9620



66.9577, 51.3845, 76.2015



18.0097, 18.3316, 17.6064



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.



66.3492, 61.4654, 41.1686



62.2533, 55.6832, 32.3745



78.3646, 85.4963, 45.1738



18.5199, 19.0080, 18.8371



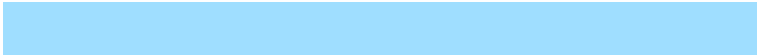
23.4826, 14.9765, 1.6531



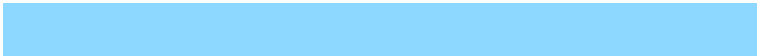
2.3835, 1.6523, 0.1933

Inverse Universe

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



58.4682, 66.8308, 104.4256



53.3476, 61.6975, 103.7048



47.6786, 45.2515, 100.8290



17.9983, 19.3681, 23.0398



16.8281, 18.5658, 52.1312



1.7403, 2.0114, 5.1098

Previews

White Background



This preview shows how the XYZ color 66.3476, 61.4625, 41.1674 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 66.3476, 61.4625, 41.1674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

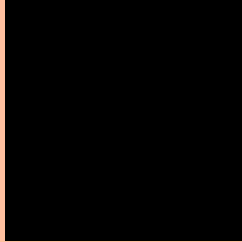
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3476, 61.4625, 41.1674

Background



This preview shows how black text looks on a background with the XYZ color 66.3476, 61.4625, 41.1674.



This preview shows how white text looks on a background with the XYZ color 66.3476, 61.4625,

41.1674.

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

66.3476, 61.4625, 41.1674

Protanopia

58.0763, 61.9193, 44.4880

Deuteranopia

62.9836, 61.7340, 40.9440



Tritanopia

69.7658, 61.4435, 63.4411

Trichromacy



Original Color

66.3476, 61.4625, 41.1674

Protanomaly

60.7762, 61.5734, 43.3319

Deuteranomaly

64.2693, 61.7226, 40.8741

Tritanomaly

68.3005, 61.2004, 54.6674

Monochromacy



Original Color

66.3476, 61.4625, 41.1674

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.1553, 61.8061, 57.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3476, 61.4625, 41.1674 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 159) }
```

Border

The CSS property to change the border of an element to XYZ 66.3476, 61.4625, 41.1674 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, 159) }
```


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

```
.border{ border-color:rgb(255, 192, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3476, 61.4625, 41.1674 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
192, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor