

Converting Colors

XYZ(67.6029, 64.0975, 41.2024)

Have a look what the booklet for
XYZ(67.6029, 64.0975, 41.2024)
contains.

XYZ(67.6056, 64.1168, 41.1603)	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(67.6056, 64.1168,
41.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC69E
RGB	255, 198, 158
RGB Percent	100%, 78%, 62%
CMY	0.0000, 0.2235, 0.3804
CMYK	0.00, 0.22, 0.38, 0.00
HSL	25°, 100%, 81%
HSV	25°, 38%, 100%
XYZ	67.6056, 64.1168, 41.1603
YIQ	210.4830, 46.8120, -0.3560

Conversions

Conversions Part 2

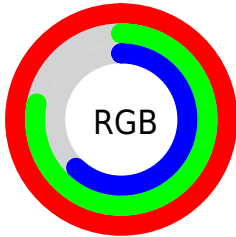
Format	Color
RYB	255, 226, 158
Decimal	16762526
CIELab	84.03, 15.18, 27.85
CIELCh	84, 31.715, 61.411
Yxy	64.1168, 0.3910, 0.3709
Android (android.graphics.Color)	4294952606 (0xFFFFC69E)
YUV	210.4830, -25.8741, 39.0414
Hunter-Lab	80.0730, 10.5798, 25.5739

Details

The XYZ color **67.6056, 64.1168, 41.1603** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.4500, 63.0875, 103.8095**, and the grayscale version is **61.7208, 64.9351, 70.7144**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **35.6007, 32.8574, 18.1014** is the 20% darker color. If you saturate the color by 10%, you get **62.3776, 56.8164, 29.6892**, and if you desaturate by 10%, it is **73.6311, 72.2831, 55.1452**.

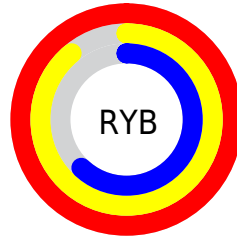
Distribution



Red (100%)

Green (78%)

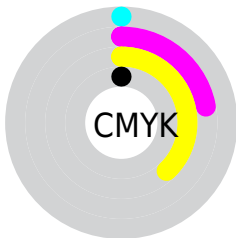
Blue (62%)



Red (100%)

Yellow (89%)

Blue (62%)

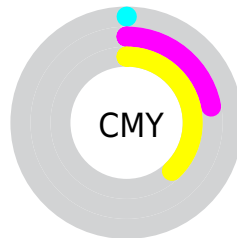


Cyan (0%)

Magenta (22%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6056, 64.1168, 41.1603 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 67.6056, 64.1168, 41.1603 by changing the saturation by 10% instead.


 67.6056, 64.1168,
41.1603


 67.6056, 64.1168,
41.1603


441.4960,
439.6113, 366.6866

 49.8494, 46.7453,
28.1237


 114.8328,
110.7791, 78.1835

 35.5111, 32.8343,
18.1791


 145.0345,
140.8387, 103.0072

 24.2252, 21.9996,
10.9079


180.1154,
175.8965, 132.5970

 15.6264, 13.8566,
5.8915

220.4409,
216.3368, 167.3714

 9.3493, 8.0210,
2.7115

266.3764,
262.5440, 207.7491

 5.0287, 4.1084,
0.9492

318.2872,

 2.2990, 1.7344,

314.9026, 254.1485

0.0000

376.5386,
373.7969, 306.9881

0.7942, 0.4458,
0.0000

0.0000, 0.0000,
0.0000

67.6056, 64.1168,
41.1603

67.6056, 64.1168,
41.1603

62.3776, 56.8164,
29.6892

73.6311, 72.2831,
55.1452

57.9040, 50.3418,
20.5755

80.4846, 81.3353,
71.7799

54.1447, 44.6629,
13.6507

88.2007, 91.3040,
91.1950

51.0530, 39.7439,
8.7221

95.0499, 100.0000,
108.9000

■ 48.5751, 35.5449,
5.5628

■ 46.6413, 32.0189,
3.8656

■ 46.3088, 31.3977,
3.6196

Harmonies

Analogous

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



73.1542, 64.1168, 51.6017



67.6056, 64.1168, 41.1603



60.6105, 64.1168, 37.9538

Triad

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



67.6056, 64.1168, 41.1603



48.4613, 64.1168, 70.7650



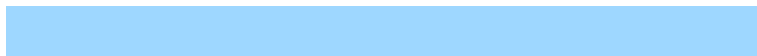
68.2221, 64.1168, 108.1118

Complementary

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



67.6056, 64.1168, 41.1603



56.4500, 63.0875, 103.8095

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.



61.2729, 64.1168, 115.8279



67.6056, 64.1168, 41.1603



50.1691, 64.1168, 91.8706

Square

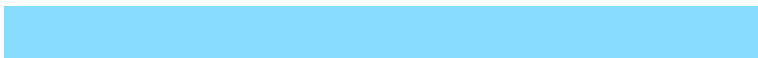
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6056, 64.1168, 41.1603



49.8788, 64.1168, 52.9563



54.7296, 64.1168, 109.3862



73.5289, 64.1168, 89.9120

Rectangle

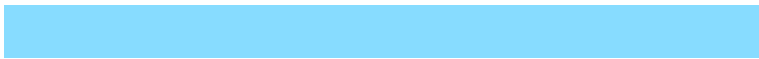
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6056, 64.1168, 41.1603



56.1624, 64.1168, 39.7440



54.7296, 64.1168, 109.3862



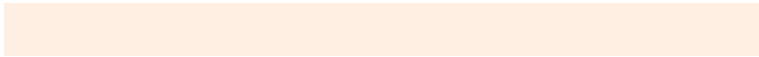
65.9835, 64.1168, 112.1584

Sweetspot

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



67.6072, 64.1198, 41.1616



85.8240, 88.2548, 85.1483



65.8877, 50.6825, 71.4118



18.1425, 18.5972, 17.6507



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.



67.6072, 64.1198, 41.1616



63.3811, 58.2370, 31.8314



80.1549, 89.2151, 45.3441



18.6247, 19.2176, 18.8721



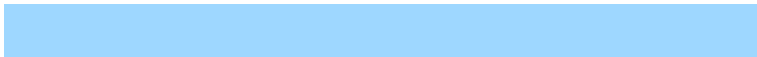
24.3359, 16.6831, 1.9375



2.4740, 1.8334, 0.2235

Inverse Universe

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



56.4500, 63.0875, 103.8095



50.7030, 57.0404, 102.9453



46.0984, 42.3844, 100.3589



17.8901, 19.1517, 23.0037



15.2669, 15.4434, 51.6108



1.5942, 1.7191, 5.0611

Previews

White Background



This preview shows how the XYZ color 67.6056, 64.1168, 41.1603 looks on a white background.

Color Contrast Check

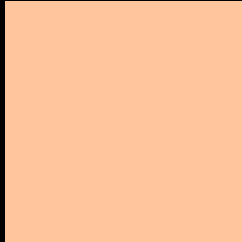
Large Text (above 18pt) WCAG AA × Fail

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 67.6056, 64.1168, 41.1603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

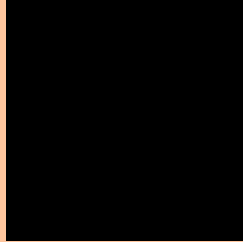
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6056, 64.1168, 41.1603

Background



This preview shows how black text looks on a background with the XYZ color 67.6056, 64.1168, 41.1603.



This preview shows how white text looks on a background with the XYZ color 67.6056, 64.1168,

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

67.6056, 64.1168, 41.1603

Protanopia

60.3979, 64.5848, 43.9331

Deuteranopia

65.3302, 63.9818, 40.8047



Tritanopia

71.7943, 64.3486, 67.6680

Trichromacy



Original Color

67.6056, 64.1168, 41.1603

Protanomaly

62.7653, 64.3780, 42.8363

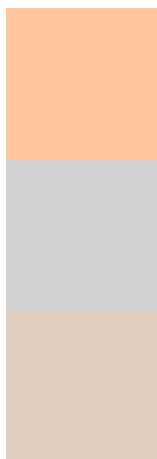
Deuteranomaly

66.1644, 64.0669, 40.7772

Tritanomaly

69.9404, 63.9643, 56.8042

Monochromacy



Original Color

67.6056, 64.1168, 41.1603

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.8393, 64.0730, 58.3455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6056, 64.1168, 41.1603 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, 198, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 158)  
}
```

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, 198, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 158) }
```

Border

The CSS property to change the border of an element to XYZ 67.6056, 64.1168, 41.1603 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, 198, 158) }
```


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

```
.border{ border-color:rgb(255, 198, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6056, 64.1168, 41.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 158) }
```

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

```
.background{ background-color: rgb(255,  
198, 158) }
```

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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