

Converting Colors

XYZ(128.6881, 95.2374,
42.9311)

Have a look what the booklet for
XYZ(128.6881, 95.2374, 42.9311)
contains.

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Color

**XYZ(67.2070, 63.5928,
40.1849)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC59C
RGB	255, 197, 156
RGB Percent	100%, 77%, 61%
CMY	0.0000, 0.2274, 0.3882
CMYK	0.00, 0.23, 0.39, 0.00
HSL	25°, 100%, 81%
HSV	25°, 39%, 100%
XYZ	67.2070, 63.5928, 40.1849
YIQ	209.6680, 47.7290, -0.4550

Conversions

Conversions Part 2

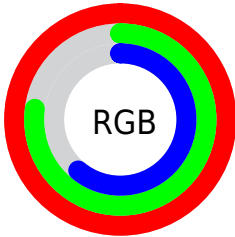
Format	Color
R _Y B	255, 226, 156
Decimal	16762268
CIE Lab	83.75, 15.48, 28.53
CIE LCh	84, 32.455, 61.523
Yxy	63.5928, 0.3931, 0.3719
Android (android.graphics.Color)	4294952348 (0xFFFFC59C)
YUV	209.6680, -26.4583, 39.7562
Hunter-Lab	79.7451, 10.8810, 25.9443

Details

The XYZ color **67.2070, 63.5928, 40.1849** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.8059, 62.3787, 103.7067**, and the grayscale version is **61.1883, 64.3748, 70.1042**.

A 20% lighter version of the original color is **88.4397, 96.8468, 75.6600**, and **35.0861, 32.3802, 17.4975** is the 20% darker color. If you saturate the color by 10%, you get **62.0450, 56.3692, 28.9063**, and if you desaturate by 10%, it is **73.1617, 71.6760, 53.9653**.

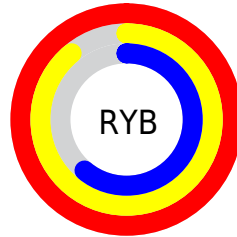
Distribution



Red (100%)

Green (77%)

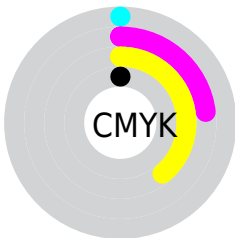
Blue (61%)



Red (100%)

Yellow (89%)

Blue (61%)

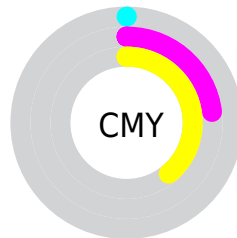


Cyan (0%)

Magenta (23%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2070, 63.5928, 40.1849 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 67.2070, 63.5928, 40.1849 by changing the saturation by 10% instead.


 67.2070, 63.5928,
40.1849


 67.2070, 63.5928,
40.1849


440.1021,
437.7177, 362.4775

 49.5242, 46.3209,
27.3679


 114.2651,
110.0243, 76.6852

 35.2517, 32.4992,
17.6148


 144.3712,
139.9527, 101.2054

 24.0243, 21.7430,
10.5072


179.3490,
174.8688, 130.4639

 15.4765, 13.6682,
5.6266

219.5639,
215.1569, 164.8791

 9.2429, 7.8903,
2.5543

265.3813,
261.2015, 204.8695

 4.9584, 4.0248,
0.8687

317.1666,

 2.2574, 1.6875,

313.3868, 250.8536

0.0000

375.2851,
372.0975, 303.2501

■ 0.7727, 0.4155,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2070, 63.5928,
40.1849

■ 67.2070, 63.5928,
40.1849

■ 62.0450, 56.3692,
28.9063

■ 73.1617, 71.6760,
53.9653

■ 57.6325, 49.9653,
19.9717

■ 79.9396, 80.6390,
70.3842

■ 53.9291, 44.3509,
13.2114

■ 87.5756, 90.5121,
89.5729

■ 50.8878, 39.4902,
8.4305

95.0500, 100.0000,
108.9000

■ 48.4541, 35.3432,
5.3985

■ 46.5537, 31.8611,
3.7824

■ 46.3550, 31.4900,
3.6350

Harmonies

Analogous

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



72.8773, 63.5928, 50.7027



67.2070, 63.5928, 40.1849



60.0801, 63.5928, 36.9836

Triad

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



67.2070, 63.5928, 40.1849



47.7671, 63.5928, 70.2885



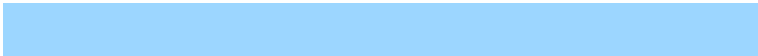
67.8853, 63.5928, 108.3198

Complementary

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



67.2070, 63.5928, 40.1849



55.8059, 62.3787, 103.7067

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.



60.8074, 63.5928, 116.2838



67.2070, 63.5928, 40.1849



49.5102, 63.5928, 91.8249

Square

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



67.2070, 63.5928, 40.1849



49.1925, 63.5928, 52.1824



54.1489, 63.5928, 109.7294



73.2901, 63.5928, 89.6646

Rectangle

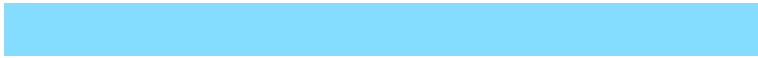
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2070, 63.5928, 40.1849



55.5594, 63.5928, 38.8028



54.1489, 63.5928, 109.7294



65.6048, 63.5928, 112.4838

Sweetspot

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



67.2086, 63.5958, 40.1862



85.0546, 87.2750, 83.1687



65.4460, 49.9644, 70.7549



17.9889, 18.4014, 17.2558



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.



67.2086, 63.5958, 40.1862



62.9291, 57.6243, 30.7830



79.9236, 89.0258, 44.4245



18.6274, 19.2230, 18.8730



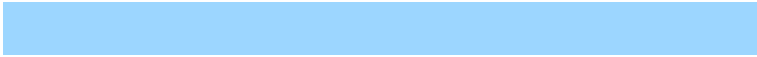
24.3603, 16.7319, 1.9456



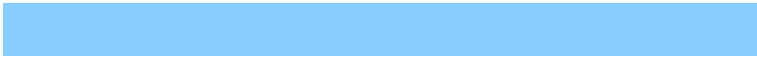
2.4766, 1.8385, 0.2243

Inverse Universe

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



55.8059, 62.3787, 103.7067



49.9830, 56.2177, 102.8245



45.3789, 41.5247, 100.2310



17.8873, 19.1462, 23.0028



15.2295, 15.3686, 51.5983



1.5907, 1.7120, 5.0599

Previews

White Background



This preview shows how the XYZ color 67.2070, 63.5928, 40.1849 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 67.2070, 63.5928, 40.1849 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 67.2070, 63.5928, 40.1849

Background



This preview shows how black text looks on a background with the XYZ color 67.2070, 63.5928, 40.1849.



This preview shows how white text looks on a background with the XYZ color 67.2070, 63.5928,

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

67.2070, 63.5928, 40.1849

Protanopia

59.6649, 63.8621, 42.9002

Deuteranopia

64.9284, 63.4493, 39.8352



Tritanopia

71.1091, 63.3671, 66.2408

Trichromacy



Original Color

67.2070, 63.5928, 40.1849

Protanomaly

62.3503, 63.8280, 41.8347

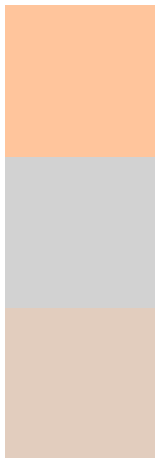
Deuteranomaly

65.7642, 63.5374, 39.8081

Tritanomaly

69.5014, 63.4314, 55.5941

Monochromacy



Original Color

67.2070, 63.5928, 40.1849

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.4896, 63.5491, 57.6878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2070, 63.5928, 40.1849 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, 197, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 156)  
}
```

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, 197, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 156) }
```

Border

The CSS property to change the border of an element to XYZ 67.2070, 63.5928, 40.1849 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, 197, 156) }
```


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

```
.border{ border-color:rgb(255, 197, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2070, 63.5928, 40.1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 156) }
```

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

```
.background{ background-color: rgb(255,  
197, 156) }
```

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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