

Converting Colors

XYZ(71.8411, 64.4060, 39.0711)

Have a look what the booklet for
XYZ(71.8411, 64.4060, 39.0711)
contains.

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Color

**XYZ(65.9224, 61.2924,
38.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC09A
RGB	255, 192, 154
RGB Percent	100%, 75%, 60%
CMY	0.0000, 0.2470, 0.3961
CMYK	0.00, 0.25, 0.40, 0.00
HSL	23°, 100%, 80%
HSV	23°, 40%, 100%
XYZ	65.9224, 61.2924, 38.9280
YIQ	206.5050, 49.7460, 1.5380

Conversions

Conversions Part 2

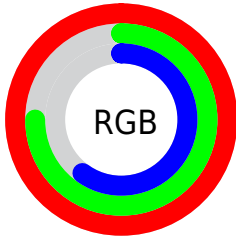
Format	Color
R _Y B	255, 215, 154
Decimal	16760986
CIE Lab	82.54, 17.87, 27.94
CIE LCh	83, 33.165, 57.402
Yxy	61.2924, 0.3968, 0.3689
Android (android.graphics.Color)	4294951066 (0xFFFFC09A)
YUV	206.5050, -25.8850, 42.5301
Hunter-Lab	78.2895, 13.2965, 25.3218

Details

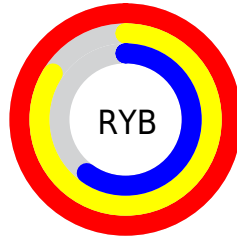
The XYZ color **65.9224, 61.2924, 38.9280** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1883, 63.7134, 103.9442**, and the grayscale version is **59.1299, 62.2093, 67.7459**.

A 20% lighter version of the original color is **86.6243, 93.6148, 73.8255**, and **34.3016, 30.8920, 16.9868** is the 20% darker color. If you saturate the color by 10%, you get **60.7147, 53.9225, 27.8037**, and if you desaturate by 10%, it is **71.9617, 69.6034, 52.5564**.

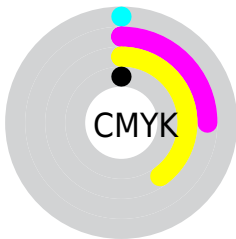
Distribution



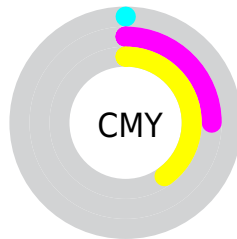
- Red (100%)
- Green (75%)
- Blue (60%)



- Red (100%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9224, 61.2924, 38.9280 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 65.9224, 61.2924, 38.9280 by changing the saturation by 10% instead.


 65.9224, 61.2924,
38.9280

 65.9224, 61.2924,
38.9280


435.5923,
429.3453, 357.0011

 48.4769, 44.4612,
26.3963


 112.4333,
106.7022, 74.7474

 34.4175, 31.0332,
16.8919


 142.2294,
136.0496, 98.8723

 23.3789, 20.6242,
9.9963


176.8730,
170.3378, 127.6986

 14.9958, 12.8496,
5.2910

216.7296,
209.9512, 161.6449

 8.9027, 7.3250,
2.3573

262.1645,
255.2743, 201.1298

 4.7344, 3.6662,
0.7630

313.5430,

 2.1254, 1.4886,

306.6914, 246.5718

0.0000

371.2305,
364.5870, 298.3893

0.7030, 0.2807,
0.0000

0.0000, 0.0000,
0.0000

65.9224, 61.2924,
38.9280

65.9224, 61.2924,
38.9280

60.7147, 53.9225,
27.8037

71.9617, 69.6034,
52.5564

56.2933, 47.4495,
19.0241

78.8658, 78.8801,
68.8274

52.6150, 41.8383,
12.4169

86.6713, 89.1570,
87.8738

49.6298, 37.0478,
7.7842

95.0500, 100.0000,
108.9000

■ 47.2798, 33.0323,
4.8909

■ 45.4814, 29.7341,
3.3709

■ 45.4187, 29.6175,
3.3229

Harmonies

Analogous

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



71.2318, 61.2924, 50.3167



65.9224, 61.2924, 38.9280



58.8773, 61.2924, 34.8121

Triad

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



65.9224, 61.2924, 38.9280



45.6593, 61.2924, 64.9813



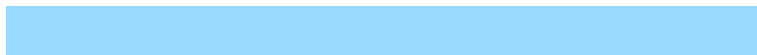
64.7659, 61.2924, 107.7970

Complementary

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



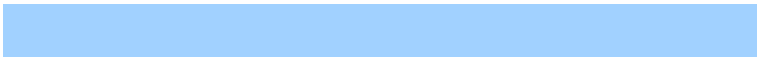
65.9224, 61.2924, 38.9280



56.1883, 63.7134, 103.9442

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.



57.6403, 61.2924, 113.8903



65.9224, 61.2924, 38.9280



46.9613, 61.2924, 86.3896

Square

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



65.9224, 61.2924, 38.9280



47.4990, 61.2924, 47.8177



51.2094, 61.2924, 105.3768



70.5269, 61.2924, 90.0852

Rectangle

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



65.9224, 61.2924, 38.9280



54.2696, 61.2924, 35.9577



51.2094, 61.2924, 105.3768



62.4342, 61.2924, 111.4111

Sweetspot

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



65.9240, 61.2953, 38.9292



84.7197, 86.6053, 83.0570



65.4465, 49.4320, 72.3991



17.9103, 18.2442, 17.2296



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.



65.9240, 61.2953, 38.9292



61.4977, 55.0458, 29.4293



78.6863, 86.8201, 43.1833



18.5694, 19.1070, 18.8536



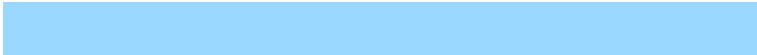
23.8640, 15.7391, 1.7802



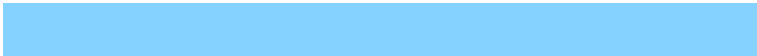
2.4245, 1.7344, 0.2070

Inverse Universe

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



56.1883, 63.7134, 103.9442



50.4460, 57.7464, 103.0951



45.2814, 41.8995, 100.3085



17.9469, 19.2654, 23.0226



16.0622, 17.0340, 51.8759



1.6691, 1.8689, 5.0860

Previews

White Background



This preview shows how the XYZ color 65.9224, 61.2924, 38.9280 looks on a white background.

Color Contrast Check

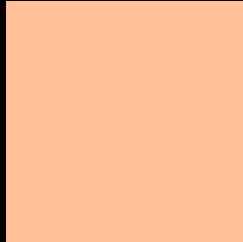
Large Text (above 18pt) WCAG AA × Fail

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 65.9224, 61.2924, 38.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

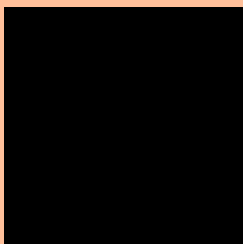
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9224, 61.2924, 38.9280

Background



This preview shows how black text looks on a background with the XYZ color 65.9224, 61.2924, 38.9280.



This preview shows how white text looks on a background with the XYZ color 65.9224, 61.2924,

38.9280.

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

65.9224, 61.2924, 38.9280

Protanopia

57.3899, 61.2608, 42.0574

Deuteranopia

62.6782, 61.2871, 38.6631



Tritanopia

69.6485, 61.3966, 62.8234

Trichromacy



Original Color

65.9224, 61.2924, 38.9280

Protanomaly

60.1045, 60.9330, 40.9411

Deuteranomaly

63.6226, 61.1043, 38.5780

Tritanomaly

67.9848, 61.0741, 53.0050

Monochromacy



Original Color

65.9224, 61.2924, 38.9280

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9381, 61.7192, 56.2782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9224, 61.2924, 38.9280 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 154) }
```

Border

The CSS property to change the border of an element to XYZ 65.9224, 61.2924, 38.9280 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, 154) }
```


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

```
.border{ border-color:rgb(255, 192, 154) }
```

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, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9224, 61.2924, 38.9280 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
192, 154) }
```

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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