

Converting Colors

XYZ(65.4408, 60.4620, 38.3582)

Have a look what the booklet for
XYZ(65.4408, 60.4620, 38.3582)
contains.

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Color

**XYZ(65.4032, 60.3868,
38.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE99
RGB	255, 190, 153
RGB Percent	100%, 75%, 60%
CMY	0.0000, 0.2549, 0.4000
CMYK	0.00, 0.25, 0.40, 0.00
HSL	22°, 100%, 80%
HSV	22°, 40%, 100%
XYZ	65.4032, 60.3868, 38.3457
YIQ	205.2170, 50.6170, 2.2730

Conversions

Conversions Part 2

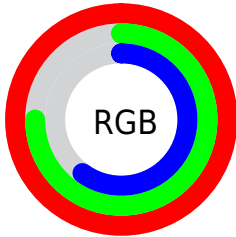
Format	Color
RYB	255, 211, 153
Decimal	16760473
CIELab	82.05, 18.80, 27.81
CIELCh	82, 33.572, 55.936
Yxy	60.3868, 0.3985, 0.3679
Android (android.graphics.Color)	4294950553 (0xFFFFBE99)
YUV	205.2170, -25.7430, 43.6597
Hunter-Lab	77.7089, 14.2426, 25.1394

Details

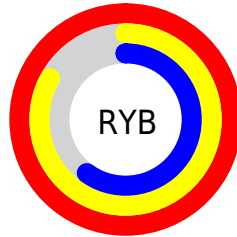
The XYZ color **65.4032, 60.3868, 38.3457** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.2573, 64.1327, 104.0214**, and the grayscale version is **58.3040, 61.3403, 66.7996**.

A 20% lighter version of the original color is **85.5809, 91.7256, 72.8687**, and **33.9674, 30.3034, 16.6292** is the 20% darker color. If you saturate the color by 10%, you get **60.1928, 52.9841, 27.3050**, and if you desaturate by 10%, it is **71.4591, 68.7601, 51.8898**.

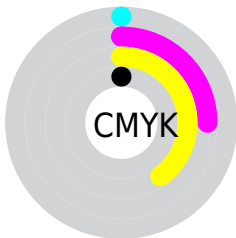
Distribution



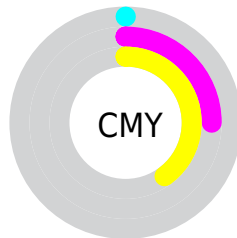
- Red (100%)
- Green (75%)
- Blue (60%)



- Red (100%)
- Yellow (83%)
- 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 65.4032, 60.3868, 38.3457 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 65.4032, 60.3868, 38.3457 by changing the saturation by 10% instead.


 65.4032, 60.3868,
38.3457


 65.4032, 60.3868,
38.3457


433.7618,
426.0220, 354.4432

 48.0540, 43.7305,
25.9472


 111.6918,
105.3906, 73.8470

 34.0811, 30.4587,
16.5587

 141.3620,
134.5068, 97.7869

 23.1191, 20.1870,
9.7618


175.8698,
168.5451, 126.4109

 14.8026, 12.5310,
5.1378

215.5807,
207.8900, 160.1377

 8.7664, 7.1064,
2.2682

260.8600,
252.9257, 199.3858

 4.6450, 3.5288,
0.7133

312.0730,

 2.0731, 1.4136,

304.0367, 244.5737

0.0000

369.5852,
361.6073, 296.1200

0.6745, 0.2267,
0.0000

0.0000, 0.0000,
0.0000

65.4032, 60.3868,
38.3457

65.4032, 60.3868,
38.3457

60.1928, 52.9841,
27.3050

71.4591, 68.7601,
51.8898

55.7816, 46.5060,
18.6074

78.3945, 78.1303,
68.0766

52.1253, 40.9155,
12.0795

86.2470, 88.5333,
87.0394

49.1727, 36.1693,
7.5219

95.0499, 100.0000,
108.9000

■ 46.8643, 32.2192,
4.6973

■ 45.1119, 29.0038,
3.2207

■ 45.1117, 29.0036,
3.2206

Harmonies

Analogous

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



70.5960, 60.3868, 50.0632



65.4032, 60.3868, 38.3457



58.3708, 60.3868, 33.9058

Triad

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



65.4032, 60.3868, 38.3457



44.8047, 60.3868, 63.0134



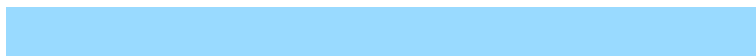
63.5883, 60.3868, 107.6445

Complementary

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



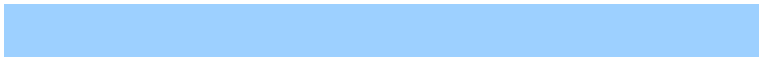
65.4032, 60.3868, 38.3457



56.2573, 64.1327, 104.0214

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.



56.4318, 60.3868, 113.0769



65.4032, 60.3868, 38.3457



45.9531, 60.3868, 84.4149

Square

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



65.4032, 60.3868, 38.3457



46.7941, 60.3868, 46.1595



50.0703, 60.3868, 103.8337



69.4889, 60.3868, 90.2239

Rectangle

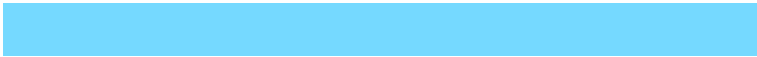
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4032, 60.3868, 38.3457



53.7217, 60.3868, 34.8186



50.0703, 60.3868, 103.8337



61.2338, 60.3868, 111.0694

Sweetspot

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



65.4047, 60.3897, 38.3469



84.6010, 86.3679, 83.0175



65.4572, 49.1733, 73.2669



17.8824, 18.1885, 17.2204



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.



65.4047, 60.3897, 38.3469



61.1695, 54.3893, 29.3199



78.0617, 85.7037, 42.5659



18.5488, 19.0658, 18.8468



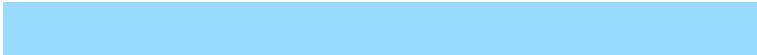
23.7007, 15.4126, 1.7258



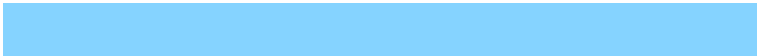
2.4071, 1.6995, 0.2012

Inverse Universe

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



56.2573, 64.1327, 104.0214



50.8532, 58.5608, 103.2309



45.2455, 42.1092, 100.3508



17.9682, 19.3080, 23.0297



16.3744, 17.6584, 51.9800



1.6982, 1.9271, 5.0957

Previews

White Background



This preview shows how the XYZ color 65.4032, 60.3868, 38.3457 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 65.4032, 60.3868, 38.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

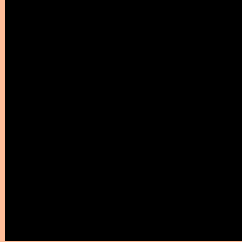
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4032, 60.3868, 38.3457

Background



This preview shows how black text looks on a background with the XYZ color 65.4032, 60.3868, 38.3457.



This preview shows how white text looks on a background with the XYZ color 65.4032, 60.3868,

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

65.4032, 60.3868, 38.3457

Protanopia

56.7643, 60.5944, 41.5050

Deuteranopia

61.6831, 60.4476, 38.1223



Tritanopia

68.9919, 60.4550, 61.4588

Trichromacy



Original Color

65.4032, 60.3868, 38.3457

Protanomaly

59.4642, 60.2701, 40.3975

Deuteranomaly

62.9653, 60.4434, 38.0539

Tritanomaly

67.4538, 60.1780, 52.3163

Monochromacy



Original Color

65.4032, 60.3868, 38.3457

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.9486, 60.5417, 54.9805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4032, 60.3868, 38.3457 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, 190, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 153)  
}
```

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, 190, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 153) }
```

Border

The CSS property to change the border of an element to XYZ 65.4032, 60.3868, 38.3457 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, 190, 153) }
```


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

```
.border{ border-color:rgb(255, 190, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4032, 60.3868, 38.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 153) }
```

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

```
.background{ background-color: rgb(255,  
190, 153) }
```

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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