

Converting Colors

XYZ(60.8391, 58.0693, 38.6206)

Have a look what the booklet for
XYZ(60.8391, 58.0693, 38.6206)
contains.

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Color

**XYZ(60.8641, 58.0373,
38.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BE9A
RGB	242, 190, 154
RGB Percent	95%, 75%, 60%
CMY	0.0510, 0.2549, 0.3961
CMYK	0.00, 0.21, 0.36, 0.05
HSL	25°, 77%, 78%
HSV	25°, 36%, 95%
XYZ	60.8641, 58.0373, 38.5663
YIQ	201.4440, 42.5480, -0.1720

Conversions

Conversions Part 2

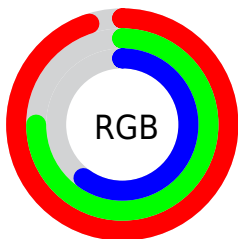
Format	Color
R _{YB}	242, 215, 154
Decimal	15908506
CIE Lab	80.76, 13.90, 25.32
CIE LCh	81, 28.884, 61.233
Yxy	58.0373, 0.3865, 0.3686
Android (android.graphics.Color)	4294098586 (0xFFFF2BE9A)
YUV	201.4440, -23.3899, 35.5676
Hunter-Lab	76.1822, 9.2898, 23.3127

Details

The XYZ color **60.8641, 58.0373, 38.5663** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4238, 57.4212, 92.3773**, and the grayscale version is **55.9165, 58.8285, 64.0642**.

A 20% lighter version of the original color is **85.7044, 91.7750, 73.5188**, and **31.1610, 29.0609, 16.7989** is the 20% darker color. If you saturate the color by 10%, you get **56.1020, 51.4198, 28.0175**, and if you desaturate by 10%, it is **66.3394, 65.4305, 51.3586**.

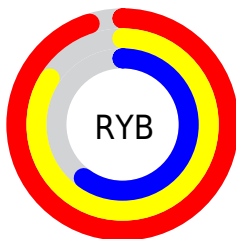
Distribution



Red (95%)

Green (75%)

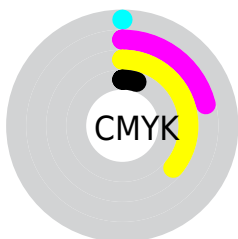
Blue (60%)



Red (95%)

Yellow (84%)

Blue (60%)

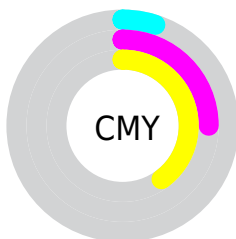


Cyan (0%)

Magenta (21%)

Yellow (36%)

Black (5%)



Cyan (5%)


Magenta (25%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8641, 58.0373, 38.5663 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 60.8641, 58.0373, 38.5663 by changing the saturation by 10% instead.


 60.8641, 58.0373,
38.5663

 60.8641, 58.0373,
38.5663


417.5594,
417.3249, 355.4138

 44.3676, 41.8386,
26.1173


 105.1814,
101.9772, 74.1883

 31.1588, 28.9750,
16.6848

 133.7329,
130.4872, 98.1984

 20.8722, 19.0619,
9.8505


167.0334,
163.8697, 126.8992

 13.1425, 11.7150,
5.1956

205.4484,
202.5093, 160.7094

 7.6045, 6.5499,
2.3018

249.3431,
246.7902, 200.0474

 3.8926, 3.1823,
0.7322

299.0830,

 1.6415, 1.2276,

297.0968, 245.3317

0.0000

355.0333,
353.8136, 296.9810

■ 0.4193, 0.0841,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8641, 58.0373,
38.5663

■ 60.8641, 58.0373,
38.5663

■ 56.1020, 51.4198,
28.0175

■ 66.3394, 65.4305,
51.3586

■ 52.0153, 45.5426,
19.5764

■ 72.5543, 73.6168,
66.5122

■ 48.5692, 40.3793,
13.0979

■ 79.5392, 82.6235,
84.1409

■ 45.7233, 35.8984,
8.4165

■ 87.3212, 92.4738,
104.3498

■ 43.4315, 32.0653,
5.3391

■ 90.4279, 97.6172,
108.6837

■ 41.6381, 28.8406,
3.6250

■ 41.0811, 27.8037,
3.2014

Harmonies

Analogous

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



65.5543, 58.0373, 47.6554



60.8641, 58.0373, 38.5663



54.9164, 58.0373, 35.7297

Triad

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



60.8641, 58.0373, 38.5663



44.4795, 58.0373, 63.9018



61.3214, 58.0373, 95.6187

Complementary

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



60.8641, 58.0373, 38.5663



51.4238, 57.4212, 92.3773

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.



55.4097, 58.0373, 102.0164



60.8641, 58.0373, 38.5663



45.9318, 58.0373, 81.7860

Square

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



60.8641, 58.0373, 38.5663



45.7138, 58.0373, 48.6763



49.8290, 58.0373, 96.5528



65.8314, 58.0373, 80.3415

Rectangle

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



60.8641, 58.0373, 38.5663



51.1152, 58.0373, 37.2697



49.8290, 58.0373, 96.5528



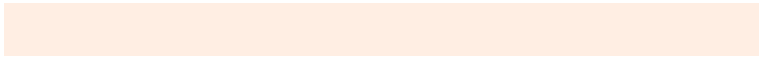
59.4184, 58.0373, 98.9909

Sweetspot

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



60.8656, 58.0400, 38.5675



85.7972, 88.2012, 85.1394



59.4119, 46.4842, 64.7447



18.1361, 18.5845, 17.6486



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.



60.8656, 58.0400, 38.5675



64.3174, 59.5064, 34.0032



71.6463, 79.6015, 42.1610



16.3039, 16.8209, 16.5372



22.1957, 15.1895, 1.7620



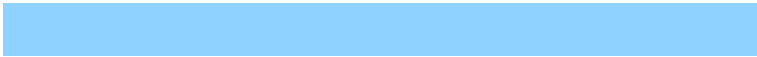
1.9420, 1.4546, 0.1784

Inverse Universe

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



51.4238, 57.4212, 92.3773



52.1664, 58.6884, 103.1863



42.4157, 39.4049, 89.3746



15.6736, 16.7813, 20.1346



14.0231, 14.2705, 47.1433



1.2642, 1.3824, 3.9544

Previews

White Background



This preview shows how the XYZ color 60.8641, 58.0373, 38.5663 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 60.8641, 58.0373, 38.5663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

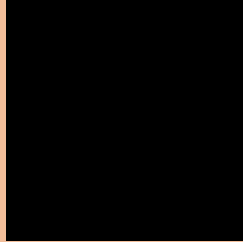
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8641, 58.0373, 38.5663

Background



This preview shows how black text looks on a background with the XYZ color 60.8641, 58.0373, 38.5663.



This preview shows how white text looks on a background with the XYZ color 60.8641, 58.0373,

38.5663.

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

60.8641, 58.0373, 38.5663

Protanopia

54.6438, 58.1079, 41.1368

Deuteranopia

59.4118, 58.2727, 38.2534



Tritanopia

65.6913, 58.1324, 61.1844

Trichromacy



Original Color

60.8641, 58.0373, 38.5663

Protanomaly

56.5662, 57.7615, 40.0660

Deuteranomaly

59.8593, 58.1763, 38.2112

Tritanomaly

63.6586, 57.9077, 52.0781

Monochromacy



Original Color

60.8641, 58.0373, 38.5663

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.9369, 57.9921, 53.5401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8641, 58.0373, 38.5663 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(242, 190, 154)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 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(242, 190, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 154) }
```

Border

The CSS property to change the border of an element to XYZ 60.8641, 58.0373, 38.5663 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(242, 190, 154) }
```


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

```
.border{ border-color:rgb(242, 190, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 154);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8641, 58.0373, 38.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 154) }
```

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

```
.background{ background-color: rgb(242,  
190, 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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