

Converting Colors

XYZ(63.7465, 56.8901, 38.3585)

Have a look what the booklet for
XYZ(63.7465, 56.8901, 38.3585)
contains.

XYZ(63.8007, 57.0490, 38.2207)	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(63.8007, 57.0490,
38.2207)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB69A
RGB	255, 182, 154
RGB Percent	100%, 71%, 60%
CMY	0.0000, 0.2862, 0.3961
CMYK	0.00, 0.29, 0.40, 0.00
HSL	17°, 100%, 80%
HSV	17°, 40%, 100%
XYZ	63.8007, 57.0490, 38.2207
YIQ	200.6350, 52.4960, 6.7680

Conversions

Conversions Part 2

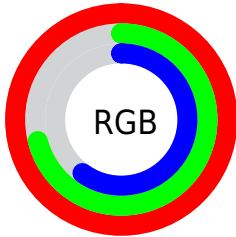
Format	Color
R _Y B	255, 193, 154
Decimal	16758426
CIE Lab	80.21, 23.10, 24.79
CIE LCh	80, 33.888, 47.017
Yxy	57.0490, 0.4011, 0.3586
Android (android.graphics.Color)	4294948506 (0xFFFFB69A)
YUV	200.6350, -22.9911, 47.6781
Hunter-Lab	75.5308, 18.5997, 22.8691

Details

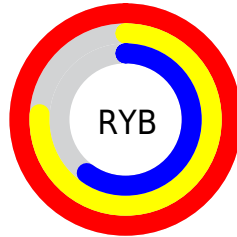
The XYZ color **63.8007, 57.0490, 38.2207** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.8444, 69.0255, 104.8296**, and the grayscale version is **55.4077, 58.2932, 63.4813**.

A 20% lighter version of the original color is **83.3232, 87.0125, 72.7251**, and **33.0634, 28.4155, 16.5741** is the 20% darker color. If you saturate the color by 10%, you get **58.3693, 49.2316, 27.0218**, and if you desaturate by 10%, it is **70.1829, 66.0458, 51.9633**.

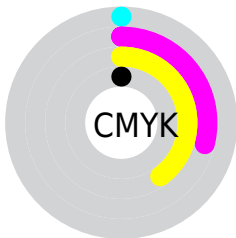
Distribution



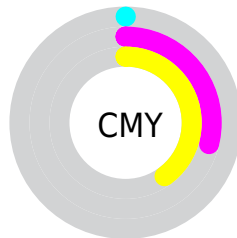
- Red (100%)
- Green (71%)
- Blue (60%)



- Red (100%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8007, 57.0490, 38.2207 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 63.8007, 57.0490, 38.2207 by changing the saturation by 10% instead.


 63.8007, 57.0490,
38.2207

 63.8007, 57.0490,
38.2207


428.0832,
413.6329, 353.8923

 46.7504, 41.0446,
25.8509


 109.3992,
100.5367, 73.6535

 33.0455, 28.3539,
16.4873


 138.6781,
128.7887, 97.5535

 22.3207, 18.5926,
9.7116


172.7638,
161.8921, 126.1339

 14.2106, 11.3763,
5.1051

212.0218,
200.2312, 159.8134

 8.3500, 6.3205,
2.2492

256.8174,
244.1905, 199.0105

 4.3734, 3.0409,
0.7026

307.5159,

 1.9155, 1.1531,

294.1542, 244.1436

0.0000

364.4827,
350.5069, 295.6314

■ 0.5858, 0.0229,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8007, 57.0490,
38.2207

■ 63.8007, 57.0490,
38.2207

■ 58.3693, 49.2316,
27.0218

■ 70.1829, 66.0458,
51.9633

■ 53.8363, 42.5354,
18.2050

■ 77.5560, 76.2606,
68.3906

■ 50.1504, 36.9091,
11.5953

■ 85.9630, 87.7404,
87.6375

■ 47.2530, 32.2942,
6.9919

95.0500, 100.0000,
108.9000

■ 45.0765, 28.6256,
4.1564

■ 43.5262, 25.8237,
2.7191

■ 43.4747, 25.7293,
2.6749

Harmonies

Analogous

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



67.9537, 57.0490, 51.6277



63.8007, 57.0490, 38.2207



57.2649, 57.0490, 31.9141

Triad

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



63.8007, 57.0490, 38.2207



42.2740, 57.0490, 53.9504



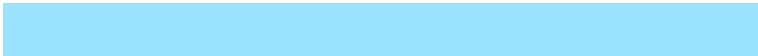
58.2076, 57.0490, 106.0953

Complementary

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



63.8007, 57.0490, 38.2207



58.8444, 69.0255, 104.8296

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.



51.2914, 57.0490, 107.0896



63.8007, 57.0490, 38.2207



42.4796, 57.0490, 73.9380

Square

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



63.8007, 57.0490, 38.2207



45.0683, 57.0490, 39.6083



45.6559, 57.0490, 94.3376



64.5411, 57.0490, 91.8556

Rectangle

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



63.8007, 57.0490, 38.2207



52.6155, 57.0490, 31.4749



45.6559, 57.0490, 94.3376



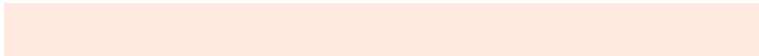
55.8637, 57.0490, 108.0818

Sweetspot

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



63.8022, 57.0518, 38.2218



83.8552, 84.8762, 82.7689



66.8087, 49.9768, 79.5729



17.7077, 17.8390, 17.1621



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.



63.8022, 57.0518, 38.2218



59.1805, 50.4114, 28.6569



75.7703, 80.9880, 42.2112



18.4193, 18.8068, 18.8036



22.8233, 13.6578, 1.4333



2.3092, 1.5038, 0.1686

Inverse Universe

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



58.8444, 69.0255, 104.8296



53.5323, 63.9189, 104.1239



47.2112, 45.7592, 100.9518



18.1041, 19.5797, 23.0750



18.5515, 22.0126, 52.7057



1.8982, 2.3270, 5.1624

Previews

White Background



This preview shows how the XYZ color 63.8007, 57.0490, 38.2207 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 63.8007, 57.0490, 38.2207 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 63.8007, 57.0490, 38.2207

Background



This preview shows how black text looks on a background with the XYZ color 63.8007, 57.0490, 38.2207.



This preview shows how white text looks on a background with the XYZ color 63.8007, 57.0490,

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

63.8007, 57.0490, 38.2207

Protanopia

53.8090, 57.3044, 42.4072

Deuteranopia

58.2300, 57.0210, 37.6429



Tritanopia

66.5644, 56.8624, 56.7574

Trichromacy



Original Color

63.8007, 57.0490, 38.2207

Protanomaly

57.0065, 56.9740, 40.7934

Deuteranomaly

60.3509, 57.1436, 37.9860

Tritanomaly

65.3960, 56.7146, 49.6197

Monochromacy



Original Color

63.8007, 57.0490, 38.2207

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.7623, 57.4164, 53.3855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8007, 57.0490, 38.2207 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, 182, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 154) }
```

Border

The CSS property to change the border of an element to XYZ 63.8007, 57.0490, 38.2207 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, 182, 154) }
```


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

```
.border{ border-color:rgb(255, 182, 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, 182, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8007, 57.0490, 38.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 154) }
```

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

```
.background{ background-color: rgb(255,  
182, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor