

Converting Colors

XYZ(68.6691, 60.1397, 39.4878)

Have a look what the booklet for
XYZ(68.6691, 60.1397, 39.4878)
contains.

XYZ(64.3812, 57.9413, 39.2430)	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(64.3812, 57.9413,
39.2430)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFB89C
RGB	255, 184, 156
RGB Percent	100%, 72%, 61%
CMY	0.0000, 0.2784, 0.3882
CMYK	0.00, 0.28, 0.39, 0.00
HSL	17°, 100%, 81%
HSV	17°, 39%, 100%
XYZ	64.3812, 57.9413, 39.2430
YIQ	202.0370, 51.3040, 6.3440

Conversions

Conversions Part 2

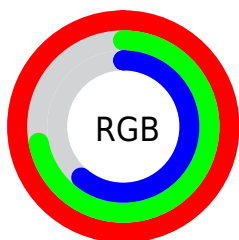
Format	Color
RYB	255, 195, 156
Decimal	16758940
CIELab	80.71, 22.28, 24.40
CIELCh	81, 33.043, 47.610
Yxy	57.9413, 0.3985, 0.3586
Android (android.graphics.Color)	4294949020 (0xFFFFB89C)
YUV	202.0370, -22.6962, 46.4486
Hunter-Lab	76.1192, 17.7658, 22.7167

Details

The XYZ color **64.3812, 57.9413, 39.2430** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.2281, 69.2232, 104.8473**, and the grayscale version is **56.2782, 59.2090, 64.4786**.

A 20% lighter version of the original color is **84.1580, 88.2833, 74.2328**, and **33.4311, 28.9883, 17.1979** is the 20% darker color. If you saturate the color by 10%, you get **58.8884, 50.0560, 27.8540**, and if you desaturate by 10%, it is **70.8213, 66.9955, 53.1851**.

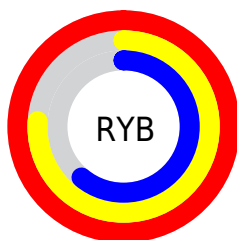
Distribution



Red (100%)

Green (72%)

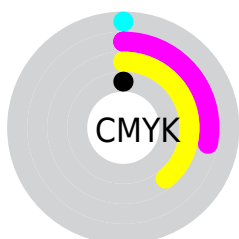
Blue (61%)



Red (100%)

Yellow (76%)

Blue (61%)

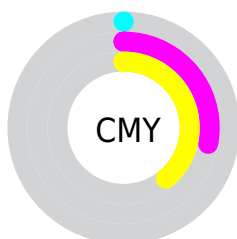


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3812, 57.9413, 39.2430 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 64.3812, 57.9413, 39.2430 by changing the saturation by 10% instead.


 64.3812, 57.9413,
39.2430

 64.3812, 57.9413,
39.2430


430.1454,
416.9672, 358.3793

 47.2223, 41.7615,
26.6395


 110.2304,
101.8374, 75.2338

 33.4201, 28.9146,
17.0726


 139.6515,
130.3224, 99.4583

 22.6093, 19.0162,
10.1238


173.8906,
163.6779, 128.3934

 14.4244, 11.6820,
5.3744


213.3132,
202.2884, 162.4579

 8.5001, 6.5275,
2.4060

258.2847,
246.5381, 202.0702

 4.4710, 3.1684,
0.7897


309.1702,


 1.9719, 1.2203,

296.8116, 247.6488


0.0000


366.3354,
353.4931, 299.6123


 0.6181, 0.0782,
0.0000


 0.0000, 0.0000,
0.0000


 64.3812, 57.9413,
39.2430


 64.3812, 57.9413,
39.2430


 58.8884, 50.0560,
27.8540


 70.8213, 66.9955,
53.1851

 54.2911, 43.2826,
18.8579

 78.2481, 77.2562,
69.8202

 50.5392, 37.5712,
12.0815

 86.7040, 88.7692,
89.2823

 47.5751, 32.8649,
7.3263

95.0499, 100.0000,
108.9000

■ 45.3327, 29.1005,
4.3580

■ 43.7244, 26.2027,
2.8393

■ 43.5661, 25.9123,
2.7054

Harmonies

Analogous

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



68.5213, 57.9413, 52.4077



64.3812, 57.9413, 39.2430



57.9297, 57.9413, 33.0875

Triad

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



64.3812, 57.9413, 39.2430



43.2447, 57.9413, 55.3775



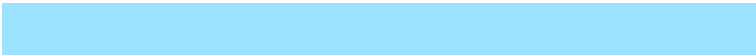
59.1294, 57.9413, 106.0164

Complementary

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



64.3812, 57.9413, 39.2430



59.2281, 69.2232, 104.8473

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.



52.3088, 57.9413, 107.2708



64.3812, 57.9413, 39.2430



43.5080, 57.9413, 75.1294

Square

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



64.3812, 57.9413, 39.2430



45.9540, 57.9413, 41.0293



46.7055, 57.9413, 95.0428



65.3216, 57.9413, 91.9041

Rectangle

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



64.3812, 57.9413, 39.2430



53.3553, 57.9413, 32.7354



46.7055, 57.9413, 95.0428



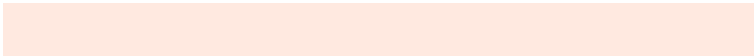
56.8240, 57.9413, 108.0466

Sweetspot

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



64.3827, 57.9441, 39.2441



83.9037, 84.9733, 82.7850



67.2157, 50.6722, 80.0745



17.7190, 17.8617, 17.1659



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.



64.3827, 57.9441, 39.2441



59.8217, 51.4095, 29.7472



76.0693, 81.3173, 43.1397



18.4277, 18.8236, 18.8064



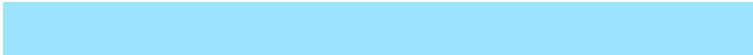
22.8727, 13.7566, 1.4498



2.3150, 1.5153, 0.1705

Inverse Universe

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



59.2281, 69.2232, 104.8473



53.9477, 64.1470, 104.1460



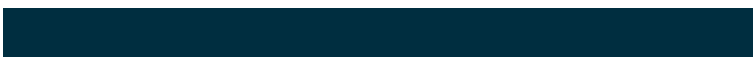
47.9009, 46.5688, 101.0716



18.0951, 19.5618, 23.0720



18.3982, 21.7060, 52.6546



1.8843, 2.2992, 5.1578

Previews

White Background



This preview shows how the XYZ color 64.3812, 57.9413, 39.2430 looks on a white background.

Color Contrast Check

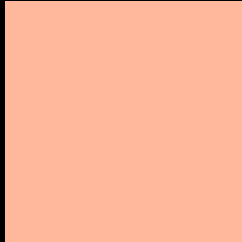
Large Text (above 18pt) WCAG AA × Fail

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 64.3812, 57.9413, 39.2430 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 64.3812, 57.9413, 39.2430

Background



This preview shows how black text looks on a background with the XYZ color 64.3812, 57.9413, 39.2430.



This preview shows how white text looks on a background with the XYZ color 64.3812, 57.9413,

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

64.3812, 57.9413, 39.2430

Protanopia

54.7957, 58.1350, 43.4551

Deuteranopia

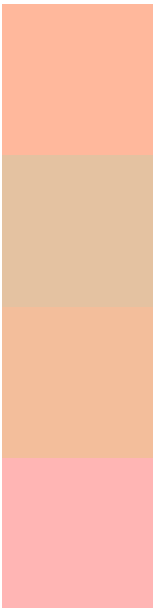
59.4948, 58.3059, 38.6903



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



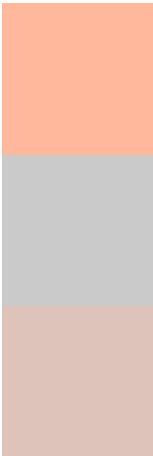
Original Color
64.3812, 57.9413, 39.2430

Protanomaly
57.7197, 57.6508, 41.8038

Deuteranomaly
61.2920, 58.2482, 39.0229

Tritanomaly
66.0021, 57.6030, 50.8198

Monochromacy



Original Color
64.3812, 57.9413, 39.2430

Achromatopsia
56.1383, 59.0619, 64.3184

Achromatomaly
58.0909, 57.9051, 54.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3812, 57.9413, 39.2430 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, 184, 156) looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 156) }
```

Border

The CSS property to change the border of an element to XYZ 64.3812, 57.9413, 39.2430 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, 184, 156) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3812, 57.9413, 39.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 156) }
```

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

```
.background{ background-color: rgb(255,  
184, 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](#).

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