

Converting Colors

XYZ(38.7388, 35.3238, 32.7871)

Have a look what the booklet for
XYZ(38.7388, 35.3238, 32.7871)
contains.

XYZ(38.8577, 35.3688, 32.7958)	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(38.8577, 35.3688,
32.7958)**

Conversions

Conversions Part 1

Format	Color
Hex	C49594
RGB	196, 149, 148
RGB Percent	77%, 58%, 58%
CMY	0.2314, 0.4157, 0.4196
CMYK	0.00, 0.24, 0.24, 0.23
HSL	1°, 29%, 67%
HSV	1°, 24%, 77%
XYZ	38.8577, 35.3688, 32.7958
YIQ	162.9390, 28.3330, 9.6530

Conversions

Conversions Part 2

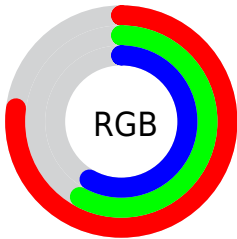
Format	Color
R_{YB}	196, 149, 148
Decimal	12883348
CIE _{Lab}	66.03, 17.49, 7.37
CIE _{LCh}	66, 18.985, 22.855
Yxy	35.3688, 0.3631, 0.3305
Android (android.graphics.Color)	4291073428 (0xFFC49594)
YUV	162.9390, -7.3649, 28.9945
Hunter-Lab	59.4717, 12.5532, 8.9346

Details

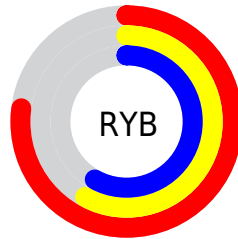
The XYZ color **38.8577, 35.3688, 32.7958** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6911, 49.3101, 59.5452**, and the grayscale version is **34.8091, 36.6219, 39.8812**.

A 20% lighter version of the original color is **72.5246, 67.8588, 65.1527**, and **17.5099, 15.2612, 13.3321** is the 20% darker color. If you saturate the color by 10%, you get **34.6458, 29.2210, 24.3749**, and if you desaturate by 10%, it is **43.8345, 42.6255, 42.7685**.

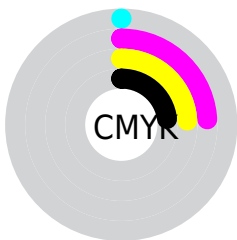
Distribution



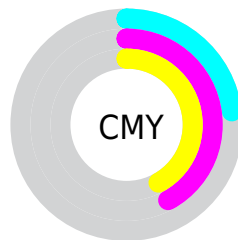
- Red (77%)
- Green (58%)
- Blue (58%)



- Red (77%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (23%)




- Cyan (23%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8577, 35.3688, 32.7958 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 38.8577, 35.3688, 32.7958 by changing the saturation by 10% instead.


 38.8577, 35.3688,
32.7958


 38.8577, 35.3688,
32.7958

332.5027,
326.1932, 329.3323

 26.8293, 23.9471,
21.7002


 72.7163, 68.0567,
65.1689

 17.5810, 15.2944,
13.4406


 95.2773, 90.0917,
87.2836

 10.7474, 9.0263,
7.5984


122.0797,
116.4333, 113.9083

 5.9633, 4.7583,
3.7550

153.4891,
147.4658, 145.4617

 2.8632, 2.1062,
1.4919

189.8707,
183.5736, 182.3622

 1.0818, 0.6681,
0.2119

231.5900,

 0.0098, 0.0000,

225.1412, 225.0285

0.0000

279.0122,
272.5529, 273.8790

0.0000, 0.0000,
0.0000

38.8577, 35.3688,
32.7958

38.8577, 35.3688,
32.7958

34.6458, 29.2210,
24.3749

43.8345, 42.6255,
42.7685

31.1582, 24.1228,
17.4258

49.6084, 51.0366,
54.3631

28.3550, 20.0172,
11.8647

56.2133, 60.6512,
67.6482

26.1912, 16.8394,
7.5984

63.6802, 71.5140,
82.6878

24.6164, 14.5173,
4.5224

72.0387, 83.6676,
99.5424

■ 23.5727, 12.9679,
2.5160

■ 76.5750, 90.4758,
108.0354

■ 22.9906, 12.0920,
1.4329

■ 22.8095, 11.8248,
1.0802

Harmonies

Analogous

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



39.2812, 35.3688, 40.4717



38.8577, 35.3688, 32.7958



36.9938, 35.3688, 27.4245

Triad

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



38.8577, 35.3688, 32.7958



29.4828, 35.3688, 29.8850



32.9480, 35.3688, 56.0385

Complementary

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



38.8577, 35.3688, 32.7958



41.6911, 49.3101, 59.5452

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.



30.4522, 35.3688, 52.2420



38.8577, 35.3688, 32.7958



28.5253, 35.3688, 36.6139

Square

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



38.8577, 35.3688, 32.7958



31.5573, 35.3688, 25.9150



28.8700, 35.3688, 44.8535



35.7643, 35.3688, 54.6414

Rectangle

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



38.8577, 35.3688, 32.7958



35.2386, 35.3688, 25.5113



28.8700, 35.3688, 44.8535



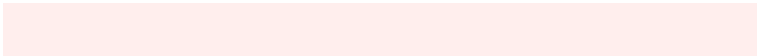
32.0459, 35.3688, 55.3114

Sweetspot

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



38.8587, 35.3704, 32.7965



86.9839, 88.2551, 92.6861



43.2281, 36.8652, 56.5859



18.4769, 18.6845, 19.5549



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.



38.8587, 35.3704, 32.7965



66.4360, 58.2991, 51.4943



43.0158, 43.6847, 34.1822



10.0897, 10.1109, 10.4817



14.6640, 7.6137, 0.6967



0.6395, 0.3409, 0.0321

Inverse Universe

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



41.6911, 49.3101, 59.5452



72.3863, 87.5869, 107.6985



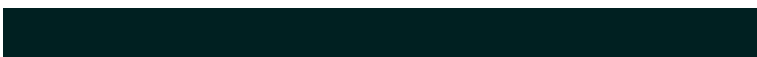
36.7776, 39.4832, 57.9074



10.3499, 11.3911, 12.9380



18.5083, 26.7730, 37.7488



0.8055, 1.1684, 1.6330

Previews

White Background



This preview shows how the XYZ color 38.8577, 35.3688, 32.7958 looks on a white background.

Color Contrast Check

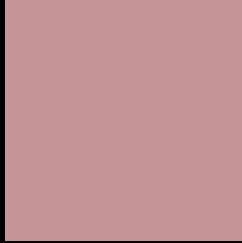
Large Text (above 18pt) WCAG AA × Fail

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 38.8577, 35.3688, 32.7958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

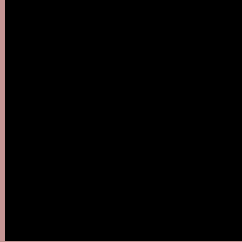
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8577, 35.3688, 32.7958

Background



This preview shows how black text looks on a background with the XYZ color 38.8577, 35.3688, 32.7958.



This preview shows how white text looks on a background with the XYZ color 38.8577, 35.3688,

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

38.8577, 35.3688, 32.7958

Protanopia

33.9206, 35.4740, 35.6312

Deuteranopia

36.0439, 35.3730, 32.5317



Tritanopia

39.7177, 35.2410, 37.5097

Trichromacy



Original Color

38.8577, 35.3688, 32.7958

Protanomaly

35.4605, 35.2740, 34.6454

Deuteranomaly

36.9074, 35.3282, 32.4775

Tritanomaly

39.5323, 35.4167, 35.7629

Monochromacy



Original Color

38.8577, 35.3688, 32.7958

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.0776, 36.0363, 37.4020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8577, 35.3688, 32.7958 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(196, 149, 148)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 148)  
}
```

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(196, 149, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 148) }
```

Border

The CSS property to change the border of an element to XYZ 38.8577, 35.3688, 32.7958 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(196, 149, 148) }
```


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

```
.border{ border-color:rgb(196, 149, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 148);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8577, 35.3688, 32.7958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 148) }
```

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

```
.background{ background-color: rgb(196,  
149, 148) }
```

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