

Converting Colors

XYZ(38.8283, 35.2973, 35.3384)

Have a look what the booklet for
XYZ(38.8283, 35.2973, 35.3384)
contains.

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Color

**XYZ(38.8283, 35.2973,
35.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	C2959A
RGB	194, 149, 154
RGB Percent	76%, 58%, 60%
CMY	0.2392, 0.4157, 0.3961
CMYK	0.00, 0.23, 0.21, 0.24
HSL	353°, 27%, 67%
HSV	353°, 23%, 76%
XYZ	38.8283, 35.2973, 35.3384
YIQ	163.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

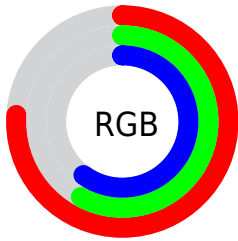
Format	Color
RYB	194, 149, 154
Decimal	12752282
CIELab	65.98, 17.64, 3.90
CIElCh	66, 18.066, 12.467
Yxy	35.2973, 0.3547, 0.3225
Android (android.graphics.Color)	4290942362 (0xFFC2959A)
YUV	163.0250, -4.4493, 27.1651
Hunter-Lab	59.4115, 12.6882, 6.3220

Details

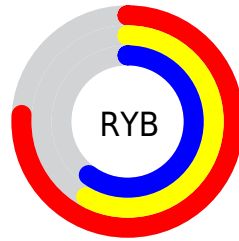
The XYZ color **38.8283, 35.2973, 35.3384** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8730, 48.6481, 55.3823**, and the grayscale version is **34.8374, 36.6516, 39.9136**.

A 20% lighter version of the original color is **72.5248, 67.7752, 68.9340**, and **17.6311, 15.2901, 14.8540** is the 20% darker color. If you saturate the color by 10%, you get **34.6762, 29.1288, 27.3697**, and if you desaturate by 10%, it is **43.7000, 42.5741, 44.5660**.

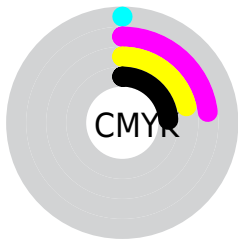
Distribution



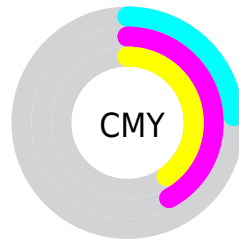
- Red (76%)
- Green (58%)
- Blue (60%)



- Red (76%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8283, 35.2973, 35.3384 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 38.8283, 35.2973, 35.3384 by changing the saturation by 10% instead.

 38.8283, 35.2973,
35.3384


 38.8283, 35.2973,
35.3384

332.3797,
325.8787, 341.0090

 26.8063, 23.8920,
23.6380


 72.6717, 67.9461,
69.1672

 17.5636, 15.2535,
14.8556


 95.2238, 89.9583,
92.1327

 10.7349, 8.9975,
8.5726


122.0167,
116.2750, 119.6903

 5.9549, 4.7396,
4.3705

153.4156,
147.2805, 152.2585

 2.8581, 2.0953,
1.8307

189.7861,
183.3592, 190.2560

 1.0791, 0.6620,
0.4481

231.4933,

 0.0076, 0.0000,

224.8956, 234.1012

0.0000

278.9027,
272.2739, 284.2127

■ 0.0000, 0.0000,
0.0000

■ 38.8283, 35.2973,
35.3384

■ 38.8283, 35.2973,
35.3384

■ 34.6762, 29.1288,
27.3697

■ 43.7000, 42.5741,
44.5660

■ 31.2067, 24.0097,
20.6031

■ 49.3201, 51.0046,
55.1014

■ 28.3840, 19.8827,
14.9807

■ 55.7196, 60.6379,
66.9938

■ 26.1677, 16.6837,
10.4390

■ 62.9266, 71.5186,
80.2890

■ 24.5129, 14.3404,
6.9083

■ 70.9680, 83.6889,
95.0309

■ 23.3683, 12.7701,
4.3106

■ 76.0583, 90.2094,
108.0112

■ 22.6733, 11.8739,
2.5563

■ 22.3887, 11.5256,
1.7807

Harmonies

Analogous

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



38.6987, 35.2973, 43.0454



38.8283, 35.2973, 35.3384



37.4897, 35.2973, 29.3170

Triad

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



38.8283, 35.2973, 35.3384



30.1934, 35.2973, 28.5547



32.0226, 35.2973, 54.2670

Complementary

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



38.8283, 35.2973, 35.3384



40.8730, 48.6481, 55.3823

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.



29.8946, 35.2973, 49.2658



38.8283, 35.2973, 35.3384



28.8778, 35.2973, 34.1620

Square

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



38.8283, 35.2973, 35.3384



32.4504, 35.2973, 25.7646



28.7714, 35.2973, 41.7027



34.6722, 35.2973, 54.6924

Rectangle

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



38.8283, 35.2973, 35.3384



35.9843, 35.2973, 26.7902



28.7714, 35.2973, 41.7027



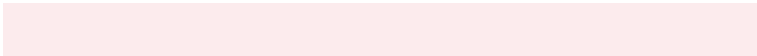
31.2262, 35.2973, 53.0375

Sweetspot

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



38.8293, 35.2989, 35.3391



85.2012, 86.1687, 92.0639



41.4104, 36.1785, 55.8398



18.5191, 18.6614, 19.9006



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.



38.8293, 35.2989, 35.3391



66.2397, 57.8397, 56.1666



41.3557, 41.0040, 34.1706



10.1177, 10.0957, 10.7101



14.7354, 7.5839, 1.2526



0.6522, 0.3339, 0.1358

Inverse Universe

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



38.8293, 35.2989, 35.3391



66.2397, 57.8397, 56.1666



37.8062, 41.6315, 57.0823



10.1177, 10.0957, 10.7101



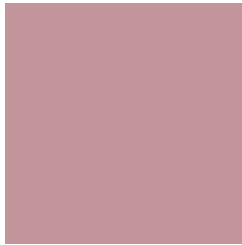
14.7354, 7.5839, 1.2526



0.6522, 0.3339, 0.1358

Previews

White Background



This preview shows how the XYZ color 38.8283, 35.2973, 35.3384 looks on a white background.

Color Contrast Check

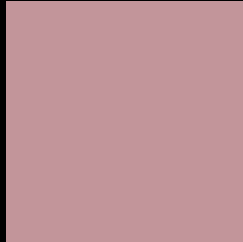
Large Text (above 18pt) WCAG AA × Fail

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 38.8283, 35.2973, 35.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

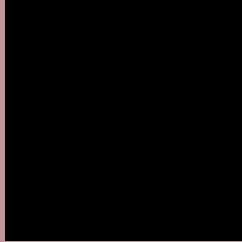
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8283, 35.2973, 35.3384

Background



This preview shows how black text looks on a background with the XYZ color 38.8283, 35.2973, 35.3384.



This preview shows how white text looks on a background with the XYZ color 38.8283, 35.2973,

35.3384.

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

38.8283, 35.2973, 35.3384

Protanopia

34.0202, 35.4662, 38.3103

Deuteranopia

36.0615, 35.3263, 35.0550



Tritanopia

39.4407, 35.3200, 37.9964

Trichromacy



Original Color

38.8283, 35.2973, 35.3384

Protanomaly

35.5156, 35.2442, 37.2787

Deuteranomaly

36.9082, 35.2727, 35.0000

Tritanomaly

39.2671, 35.2505, 37.0822

Monochromacy



Original Color

38.8283, 35.2973, 35.3384

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.0276, 35.9905, 38.3057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8283, 35.2973, 35.3384 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(194, 149, 154)` looks like.

```
.text, #text, p{  
    color:rgb(194, 149, 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(194, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 149, 154) }
```

Border

The CSS property to change the border of an element to XYZ 38.8283, 35.2973, 35.3384 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(194, 149, 154) }
```


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

```
.border{ border-color:rgb(194, 149, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 149, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 149, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 149, 154);  
box-shadow:4px 4px 4px 4px rgb(194, 149,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8283, 35.2973, 35.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 149, 154) }
```

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

```
.background{ background-color: rgb(194,  
149, 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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