

Converting Colors

XYZ(37.7950, 38.0756, 39.3105)

Have a look what the booklet for
XYZ(37.7950, 38.0756, 39.3105)
contains.

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Color

**XYZ(37.9789, 38.2680,
39.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A3A2
RGB	178, 163, 162
RGB Percent	70%, 64%, 64%
CMY	0.3020, 0.3608, 0.3647
CMYK	0.00, 0.08, 0.09, 0.30
HSL	4°, 9%, 67%
HSV	4°, 9%, 70%
XYZ	37.9789, 38.2680, 39.5672
YIQ	167.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

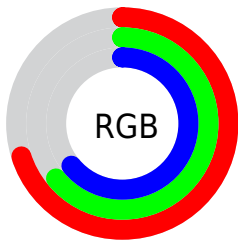
Format	Color
RYB	178, 163, 162
Decimal	11707298
CIELab	68.22, 5.27, 2.48
CIELCh	68, 5.822, 25.229
Yxy	38.2680, 0.3279, 0.3304
Android (android.graphics.Color)	4289897378 (0xFFB2A3A2)
YUV	167.3710, -2.6479, 9.3216
Hunter-Lab	61.8611, 1.3309, 5.3801

Details

The XYZ color **37.9789, 38.2680, 39.5672** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6582, 42.3393, 48.2548**, and the grayscale version is **36.9218, 38.8446, 42.3017**.

A 20% lighter version of the original color is **71.5275, 72.6450, 75.8976**, and **16.9564, 16.8546, 17.1114** is the 20% darker color. If you saturate the color by 10%, you get **33.7381, 32.1415, 30.8920**, and if you desaturate by 10%, it is **42.8367, 45.2691, 49.5541**.

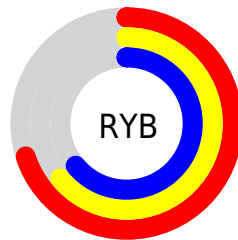
Distribution



Red (70%)

Green (64%)

Blue (64%)



Red (70%)

Yellow (64%)

Blue (64%)

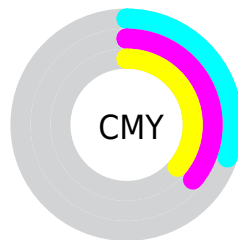


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9789, 38.2680, 39.5672 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 37.9789, 38.2680, 39.5672 by changing the saturation by 10% instead.

■ 37.9789, 38.2680,
39.5672

■ 37.9789, 38.2680,
39.5672

328.8119,
338.7682, 359.7937

■ 26.1435, 26.1908,
26.8900

■ 71.3799, 72.5187,
75.7339

■ 17.0642, 16.9664,
17.2589

■ 93.6762, 95.4610,
100.0605

■ 10.3759, 10.2105,
10.2554

120.1901,
122.7937, 129.1073

■ 5.7131, 5.5388,
5.4608

151.2870,
154.9013, 163.2929

■ 2.7104, 2.5667,
2.4567

187.3323,
192.1682, 203.0358

■ 1.0025, 0.9100,
0.8171

228.6913,

■ 0.0000, 0.0000,

234.9787, 248.7545

0.0000

275.7294,
283.7172, 300.8676

■ 37.9789, 38.2680,
39.5672

■ 37.9789, 38.2680,
39.5672

■ 33.7381, 32.1415,
30.8920

■ 42.8367, 45.2691,
49.5541

■ 30.0864, 26.8504,
23.4715

■ 48.3315, 53.1721,
60.9013

■ 26.9990, 22.3602,
17.2486

■ 54.4863, 62.0091,
73.6580

■ 24.4474, 18.6317,
12.1603

■ 61.3219, 71.8093,
87.8705

■ 22.4012, 15.6227,
8.1383

■ 68.8584, 82.6006,
103.5825

■ 20.8267, 13.2867,
5.1066

■ 72.1703, 88.2051,
107.8292

■ 19.6860, 11.5720,
2.9795

■ 18.9355, 10.4192,
1.6564

■ 18.5122, 9.7530,
0.9585

Harmonies

Analogous

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



38.1447, 38.2680, 42.0856



37.9789, 38.2680, 39.5672



37.3799, 38.2680, 37.6841

Triad

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



37.9789, 38.2680, 39.5672



34.9538, 38.2680, 38.8737



36.2272, 38.2680, 46.8646

Complementary

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



37.9789, 38.2680, 39.5672



38.6582, 42.3393, 48.2548

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.



35.3836, 38.2680, 45.9218



37.9789, 38.2680, 39.5672



34.6562, 38.2680, 41.2518

Square

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



37.9789, 38.2680, 39.5672



35.6317, 38.2680, 37.2956



34.8122, 38.2680, 43.8405



37.1237, 38.2680, 46.3681

Rectangle

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



37.9789, 38.2680, 39.5672



36.8206, 38.2680, 37.0061



34.8122, 38.2680, 43.8405



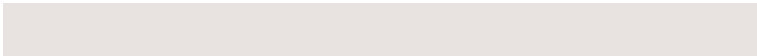
35.9282, 38.2680, 46.7044

Sweetspot

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



37.9800, 38.2697, 39.5680



73.9650, 76.7399, 82.2114



39.2367, 38.4885, 47.0611



16.2293, 16.7746, 17.8898



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9800, 38.2697, 39.5680



67.0857, 66.8186, 68.0886



39.4074, 41.1245, 40.0438



8.5377, 8.5880, 8.8602



13.2410, 6.9805, 0.6495



0.4307, 0.2478, 0.0251

Inverse Universe

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



38.6582, 42.3393, 48.2548



68.5942, 75.8703, 87.4103



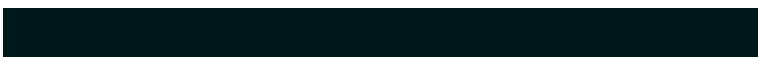
37.1619, 39.3467, 47.7560



8.6961, 9.5385, 10.8891



15.6336, 22.0675, 33.5725



0.5055, 0.7216, 1.0609

Previews

White Background



This preview shows how the XYZ color 37.9789, 38.2680, 39.5672 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 37.9789, 38.2680, 39.5672 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 37.9789, 38.2680, 39.5672

Background



This preview shows how black text looks on a background with the XYZ color 37.9789, 38.2680, 39.5672.



This preview shows how white text looks on a background with the XYZ color 37.9789, 38.2680,

39.5672.

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

37.9789, 38.2680, 39.5672

Protanopia

36.8246, 38.4628, 40.1335

Deuteranopia

39.0336, 38.2887, 39.5156



Tritanopia

39.2072, 38.2490, 45.3608

Trichromacy



Original Color

37.9789, 38.2680, 39.5672

Protanomaly

37.2996, 38.4388, 40.1039

Deuteranomaly

38.7333, 38.3944, 39.5518

Tritanomaly

38.7664, 38.3266, 43.3848

Monochromacy



Original Color

37.9789, 38.2680, 39.5672

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.2223, 38.6470, 41.0951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9789, 38.2680, 39.5672 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(178, 163, 162) looks like.

```
.text, #text, p{  
    color:rgb(178, 163, 162)  
}
```

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(178, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.9789, 38.2680, 39.5672 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(178, 163, 162) }
```


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

```
.border{ border-color:rgb(178, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9789, 38.2680, 39.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 162) }
```

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

```
.background{ background-color: rgb(178,  
163, 162) }
```

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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