

Converting Colors

XYZ(38.2291, 37.5525, 42.2792)

Have a look what the booklet for
XYZ(38.2291, 37.5525, 42.2792)
contains.

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Color

**XYZ(38.2291, 37.5525,
42.2792)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A0A8
RGB	179, 160, 168
RGB Percent	70%, 63%, 66%
CMY	0.2980, 0.3725, 0.3412
CMYK	0.00, 0.11, 0.06, 0.30
HSL	335°, 11%, 66%
HSV	335°, 11%, 70%
XYZ	38.2291, 37.5525, 42.2792
YIQ	166.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

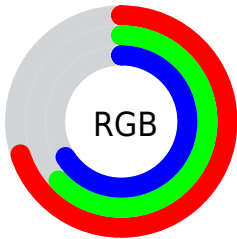
Format	Color
RYB	179, 160, 168
Decimal	11772072
CIELab	67.69, 8.35, -1.62
CIELCh	68, 8.506, 349.035
Yxy	37.5525, 0.3238, 0.3181
Android (android.graphics.Color)	4289962152 (0xFFB3A0A8)
YUV	166.5930, 0.6937, 10.8809
Hunter-Lab	61.2801, 4.1156, 1.9899

Details

The XYZ color **38.2291, 37.5525, 42.2792** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9695, 42.6551, 44.7623**, and the grayscale version is **36.5274, 38.4296, 41.8499**.

A 20% lighter version of the original color is **71.8807, 71.5908, 79.8419**, and **17.2252, 16.6339, 18.8258** is the 20% darker color. If you saturate the color by 10%, you get **34.4194, 31.4170, 36.4337**, and if you desaturate by 10%, it is **42.5647, 44.6157, 48.6807**.

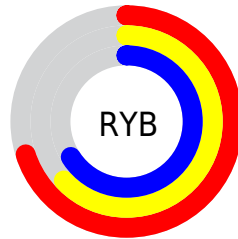
Distribution



Red (70%)

Green (63%)

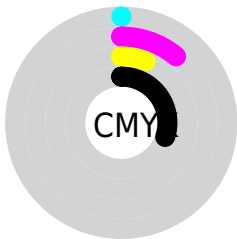
Blue (66%)



Red (70%)

Yellow (63%)

Blue (66%)

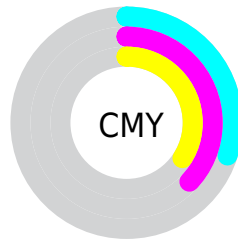


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2291, 37.5525, 42.2792 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 38.2291, 37.5525, 42.2792 by changing the saturation by 10% instead.

■ 38.2291, 37.5525,
42.2792

■ 38.2291, 37.5525,
42.2792

329.8656,
335.6964, 371.4728

■ 26.3386, 25.6356,
28.9928

■ 71.7608, 71.4217,
79.8967

■ 17.2111, 16.5512,
18.8298

■ 94.1327, 94.1428,
105.0648

■ 10.4814, 9.9150,
11.3718

120.7290,
121.2340, 135.0305

■ 5.7840, 5.3427,
6.2002

151.9152,
153.0798, 170.2124

■ 2.7536, 2.4497,
2.8964

188.0566,
190.0645, 211.0291

■ 1.0248, 0.8513,
1.0420

229.5186,

■ 0.0000, 0.0000,

232.5726, 257.8990

0.0000

276.6665,
280.9884, 311.2407

■ 38.2291, 37.5525,
42.2792

■ 38.2291, 37.5525,
42.2792

■ 34.4194, 31.4170,
36.4337

■ 42.5647, 44.6157,
48.6807

■ 31.1116, 26.1655,
31.1260

■ 47.4426, 52.6380,
55.6509

■ 28.2847, 21.7581,
26.3405

■ 52.8825, 61.6556,
63.2049

■ 25.9145, 18.1501,
22.0596

■ 58.9019, 71.7011,
71.3566

■ 23.9751, 15.2925,
18.2648

■ 65.5178, 82.8058,
80.1195

■ 22.4374, 13.1307,
14.9360

■ 68.6604, 86.8277,
88.1445

■ 21.2689, 11.6029,
12.0516

■ 70.1616, 87.4282,
96.0494

■ 20.4309, 10.6358,
9.5872

■ 71.7508, 88.0639,
104.4182

■ 19.8727, 10.0966,
7.6211

■ 72.4006, 88.3238,
107.8400

Harmonies

Analogous

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



37.6332, 37.5525, 45.8145



38.2291, 37.5525, 42.2792



38.1329, 37.5525, 38.5750

Triad

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



38.2291, 37.5525, 42.2792



34.8754, 37.5525, 34.4265



34.0627, 37.5525, 46.5951

Complementary

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



38.2291, 37.5525, 42.2792



37.9695, 42.6551, 44.7623

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.



33.3585, 37.5525, 43.2922



38.2291, 37.5525, 42.2792



33.8197, 37.5525, 36.3285

Square

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



38.2291, 37.5525, 42.2792



36.1749, 37.5525, 34.1922



33.2707, 37.5525, 39.5282



35.2144, 37.5525, 48.4060

Rectangle

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



38.2291, 37.5525, 42.2792



37.6899, 37.5525, 36.5013



33.2707, 37.5525, 39.5282



33.7670, 37.5525, 45.6135

Sweetspot

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



38.2302, 37.5541, 42.2800



74.2503, 76.6650, 84.2970



37.4527, 37.0299, 47.8218



16.3086, 16.7539, 18.4684



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.



38.2302, 37.5541, 42.2800



66.6002, 64.2354, 72.8973



37.7284, 37.7065, 38.5493



8.6398, 8.5626, 9.6017



14.0739, 7.1471, 5.5489



0.4722, 0.2366, 0.3294

Inverse Universe

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



38.2302, 37.5541, 42.2800



66.6002, 64.2354, 72.8973



38.5025, 42.4640, 48.8154



8.6398, 8.5626, 9.6017



14.0739, 7.1471, 5.5489



0.4722, 0.2366, 0.3294

Previews

White Background



This preview shows how the XYZ color 38.2291, 37.5525, 42.2792 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 38.2291, 37.5525, 42.2792 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 38.2291, 37.5525, 42.2792

Background



This preview shows how black text looks on a background with the XYZ color 38.2291, 37.5525, 42.2792.



This preview shows how white text looks on a background with the XYZ color 38.2291, 37.5525,

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

38.2291, 37.5525, 42.2792

Protanopia

36.2570, 37.5602, 43.3691

Deuteranopia

38.2291, 37.5525, 42.2792



Tritanopia

38.6669, 37.4781, 44.2258

Trichromacy



Original Color

38.2291, 37.5525, 42.2792

Protanomaly

37.0532, 37.7169, 42.8633

Deuteranomaly

38.2291, 37.5525, 42.2792

Tritanomaly

38.5712, 37.4398, 43.7218

Monochromacy



Original Color

38.2291, 37.5525, 42.2792

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0451, 37.9989, 41.9412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2291, 37.5525, 42.2792 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(179, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(179, 160, 168)  
}
```

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(179, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 160, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.2291, 37.5525, 42.2792 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(179, 160, 168) }
```


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

```
.border{ border-color:rgb(179, 160, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 160, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 160, 168);  
box-shadow:4px 4px 4px 4px rgb(179, 160,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2291, 37.5525, 42.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 160, 168) }
```

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

```
.background{ background-color: rgb(179,  
160, 168) }
```

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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