

Converting Colors

XYZ(37.8936, 38.5191, 38.2386)

Have a look what the booklet for
XYZ(37.8936, 38.5191, 38.2386)
contains.

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Color

**XYZ(37.8936, 38.5191,
38.2386)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A49F
RGB	178, 164, 159
RGB Percent	70%, 64%, 62%
CMY	0.3020, 0.3568, 0.3765
CMYK	0.00, 0.08, 0.11, 0.30
HSL	16°, 11%, 66%
HSV	16°, 11%, 70%
XYZ	37.8936, 38.5191, 38.2386
YIQ	167.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

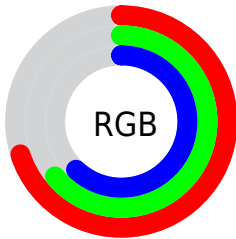
Format	Color
RYB	178, 166, 159
Decimal	11707551
CIELab	68.40, 4.20, 4.41
CIELCh	68, 6.092, 46.433
Yxy	38.5191, 0.3305, 0.3360
Android (android.graphics.Color)	4289897631 (0xFFB2A49F)
YUV	167.6160, -4.2477, 9.1068
Hunter-Lab	62.0638, 0.3732, 6.9150

Details

The XYZ color **37.8936, 38.5191, 38.2386** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2775, 40.4718, 47.9671**, and the grayscale version is **37.0489, 38.9783, 42.4474**.

A 20% lighter version of the original color is **71.4008, 73.0105, 73.9475**, and **16.9584, 17.0310, 16.5809** is the 20% darker color. If you saturate the color by 10%, you get **34.2322, 33.4925, 29.9383**, and if you desaturate by 10%, it is **42.0216, 44.1221, 47.7928**.

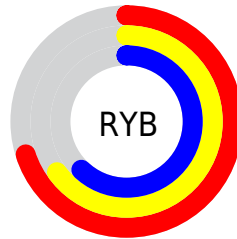
Distribution



Red (70%)

Green (64%)

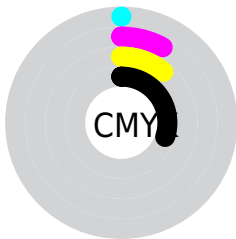
Blue (62%)



Red (70%)

Yellow (65%)

Blue (62%)

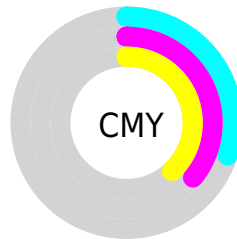


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8936, 38.5191, 38.2386 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 37.8936, 38.5191, 38.2386 by changing the saturation by 10% instead.

■ 37.8936, 38.5191,
38.2386

■ 37.8936, 38.5191,
38.2386

328.4521,
339.8416, 353.9712

■ 26.0770, 26.3858,
25.8647

■ 71.2500, 72.9031,
73.6812

■ 17.0142, 17.1125,
16.4976

■ 93.5204, 95.9226,
97.5869

■ 10.3400, 10.3147,
9.7188

120.0062,
123.3396, 126.1736

■ 5.6889, 5.6081,
5.1097

151.0726,
155.5386, 159.8599

■ 2.6957, 2.6083,
2.2519

187.0850,
192.9039, 199.0642

■ 0.9950, 0.9308,
0.7041

228.4089,

■ 0.0000, 0.0000,

235.8199, 244.2052

0.0000

275.4094,
284.6710, 295.7014

■ 37.8936, 38.5191,
38.2386

■ 37.8936, 38.5191,
38.2386

■ 34.2322, 33.4925,
29.9383

■ 42.0216, 44.1221,
47.7928

■ 31.0174, 29.0187,
22.8371

■ 46.6290, 50.3139,
58.6477

■ 28.2325, 25.0801,
16.8800

■ 51.7317, 57.1129,
70.8506

■ 25.8585, 21.6563,
12.0065

■ 57.3444, 64.5353,
84.4456

■ 23.8748, 18.7252,
8.1505

■ 63.4808, 72.5964,
99.4750

■ 22.2590, 16.2634,
5.2385

■ 68.3657, 80.5959,
106.5611

■ 20.9861, 14.2454,
3.1874

■ 72.1703, 88.2051,
107.8292

■ 20.0276, 12.6427,
1.8988

■ 19.3717, 11.4879,
1.1964

Harmonies

Analogous

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



38.4039, 38.5191, 40.4682



37.8936, 38.5191, 38.2386



37.0444, 38.5191, 37.0257

Triad

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



37.8936, 38.5191, 38.2386



34.8522, 38.5191, 40.7171



37.1340, 38.5191, 47.1988

Complementary

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



37.8936, 38.5191, 38.2386



37.2775, 40.4718, 47.9671

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.



36.1815, 38.5191, 47.2726



37.8936, 38.5191, 38.2386



34.8753, 38.5191, 43.4486

Square

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



37.8936, 38.5191, 38.2386



35.2947, 38.5191, 38.4140



35.3582, 38.5191, 45.8745



37.9602, 38.5191, 45.6770

Rectangle

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



37.8936, 38.5191, 38.2386



36.4056, 38.5191, 36.9210



35.3582, 38.5191, 45.8745



36.8177, 38.5191, 47.3960

Sweetspot

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



37.8947, 38.5208, 38.2394



74.3453, 77.5006, 82.3382



38.3258, 37.2886, 44.8401



16.3348, 16.9855, 17.9249



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.



37.8947, 38.5208, 38.2394



66.9457, 67.4308, 65.2918



39.6102, 41.9519, 38.8113



8.6723, 8.8572, 8.9051



13.9054, 8.3094, 0.8710



0.4862, 0.3589, 0.0436

Inverse Universe

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



37.2775, 40.4718, 47.9671



65.5825, 71.7379, 86.7714



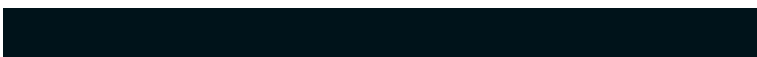
35.5653, 37.0474, 47.3964



8.5496, 9.2453, 10.8402



11.6227, 14.0459, 32.2355



0.4102, 0.5309, 1.0291

Previews

White Background



This preview shows how the XYZ color 37.8936, 38.5191, 38.2386 looks on a white background.

Color Contrast Check

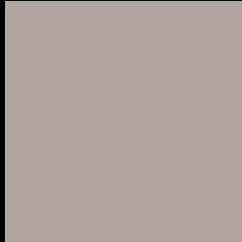
Large Text (above 18pt) WCAG AA × Fail

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 37.8936, 38.5191, 38.2386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

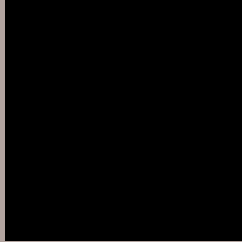
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8936, 38.5191, 38.2386

Background



This preview shows how black text looks on a background with the XYZ color 37.8936, 38.5191, 38.2386.



This preview shows how white text looks on a background with the XYZ color 37.8936, 38.5191,

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

37.8936, 38.5191, 38.2386

Protanopia

36.7760, 38.4684, 38.7446

Deuteranopia

39.3397, 38.4669, 38.6091



Tritanopia

39.3827, 38.6000, 45.4192

Trichromacy



Original Color

37.8936, 38.5191, 38.2386

Protanomaly

37.2559, 38.4470, 38.7151

Deuteranomaly

38.7939, 38.4460, 38.6339

Tritanomaly

38.8490, 38.6427, 42.9473

Monochromacy



Original Color

37.8936, 38.5191, 38.2386

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6235, 39.1247, 41.1662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8936, 38.5191, 38.2386 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, 164, 159)` looks like.

```
.text, #text, p{  
    color:rgb(178, 164, 159)  
}
```

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, 164, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 164, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.8936, 38.5191, 38.2386 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, 164, 159) }
```


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

```
.border{ border-color:rgb(178, 164, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 164, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 164, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 164, 159);  
box-shadow:4px 4px 4px 4px rgb(178, 164,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8936, 38.5191, 38.2386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 164, 159) }
```

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

```
.background{ background-color: rgb(178,  
164, 159) }
```

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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