

Converting Colors

XYZ(38.7357, 37.8805, 27.0230)

Have a look what the booklet for
XYZ(38.7357, 37.8805, 27.0230)
contains.

XYZ(38.8111, 37.9316, 27.1057)	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(38.8111, 37.9316,
27.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	C29F84
RGB	194, 159, 132
RGB Percent	76%, 62%, 52%
CMY	0.2392, 0.3765, 0.4823
CMYK	0.00, 0.18, 0.32, 0.24
HSL	26°, 34%, 64%
HSV	26°, 32%, 76%
XYZ	38.8111, 37.9316, 27.1057
YIQ	166.3870, 29.5270, -0.9770

Conversions

Conversions Part 2

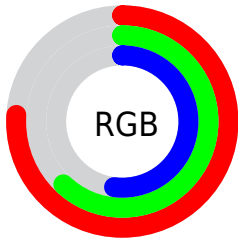
Format	Color
RYB	194, 180, 132
Decimal	12754820
CIELab	67.97, 9.00, 18.96
CIELCh	68, 20.991, 64.599
Yxy	37.9316, 0.3737, 0.3653
Android (android.graphics.Color)	4290944900 (0xFFC29F84)
YUV	166.3870, -16.9528, 24.2166
Hunter-Lab	61.5886, 4.7046, 17.0180

Details

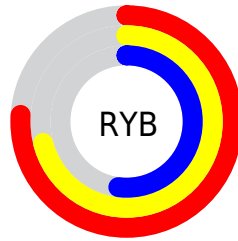
The XYZ color **38.8111, 37.9316, 27.1057** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.0715, 36.4366, 56.3288**, and the grayscale version is **36.5032, 38.4042, 41.8222**.

A 20% lighter version of the original color is **72.5872, 72.1051, 55.9909**, and **17.5330, 16.8233, 10.3058** is the 20% darker color. If you saturate the color by 10%, you get **35.8049, 33.8497, 20.1518**, and if you desaturate by 10%, it is **42.2330, 42.4495, 35.4169**.

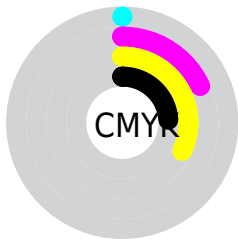
Distribution



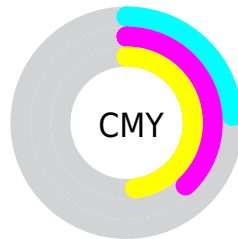
- Red (76%)
- Green (62%)
- Blue (52%)



- Red (76%)
- Yellow (71%)
- Blue (52%)



- Cyan (0%)
- Magenta (18%)
- Yellow (32%)
- Black (24%)



- Cyan (24%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8111, 37.9316, 27.1057 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 38.8111, 37.9316, 27.1057 by changing the saturation by 10% instead.

■ 38.8111, 37.9316,
27.1057

■ 38.8111, 37.9316,
27.1057

332.3077,
337.3265, 301.9449

■ 26.7929, 25.9296,
17.4195

■ 72.6456, 72.0033,
56.0592

■ 17.5535, 16.7710,
10.3689

■ 95.1925, 94.8418,
76.1636

■ 10.7276, 10.0713,
5.5354

■ 121.9798,
122.0612, 100.5778

■ 5.9499, 5.4463,
2.5005

153.3727,
154.0460, 129.7204

■ 2.8550, 2.5114,
0.8404

189.7365,
191.1805, 164.0098

■ 1.0776, 0.8823,
0.0000

231.4368,

■ 0.0062, 0.0000,

233.8492, 203.8647

0.0000

278.8387,
282.4363, 249.7035

■ 0.0000, 0.0000,
0.0000

■ 38.8111, 37.9316,
27.1057

■ 38.8111, 37.9316,
27.1057

■ 35.8049, 33.8497,
20.1518

■ 42.2330, 42.4495,
35.4169

■ 33.1934, 30.1844,
14.4794

■ 46.0845, 47.4114,
45.1512

■ 30.9581, 26.9224,
10.0084


■ 50.3824, 52.8318,
56.3727


■ 29.0775, 24.0476,
6.6487


■ 55.1415, 58.7229,
69.1409


■ 27.5275, 21.5426,
4.2975


■ 60.3760, 65.0963,
83.5123


 26.2798, 19.3878,
2.8318

 66.0996, 71.9633,
99.5401

 25.4572, 17.8876,
2.1109

 70.1947, 78.4826,
106.0567

 73.4387, 84.9705,
107.1381

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



41.4667, 37.9316, 31.9170



38.8111, 37.9316, 27.1057



35.5523, 37.9316, 25.8574

Triad

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



38.8111, 37.9316, 27.1057



30.1548, 37.9316, 42.7582



39.7333, 37.9316, 57.9239

Complementary

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



38.8111, 37.9316, 27.1057



33.0715, 36.4366, 56.3288

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.



36.5581, 37.9316, 61.9206



38.8111, 37.9316, 27.1057



31.1320, 37.9316, 52.3647

Square

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



38.8111, 37.9316, 27.1057



30.6782, 37.9316, 34.0643



33.4285, 37.9316, 59.7473



42.0212, 37.9316, 49.4964

Rectangle

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



38.8111, 37.9316, 27.1057



33.5043, 37.9316, 27.0254



33.4285, 37.9316, 59.7473



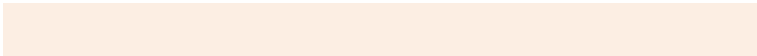
38.7275, 37.9316, 59.8835

Sweetspot

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



38.8121, 37.9334, 27.1065



84.8345, 87.6029, 85.2593



37.4870, 30.7671, 40.5870



18.3435, 18.8861, 18.0663



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.



38.8121, 37.9334, 27.1065



66.6162, 63.7241, 40.4723



44.7976, 49.9045, 29.1017



10.4260, 10.7835, 10.5938



16.8159, 11.9176, 1.4140



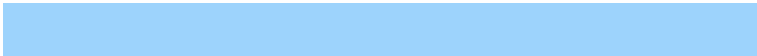
0.7950, 0.6518, 0.0839

Inverse Universe

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



33.0715, 36.4366, 56.3288



54.6646, 60.5997, 101.2856



28.0766, 26.4469, 54.6638



9.9894, 10.6701, 12.8179



10.1158, 9.9881, 34.9513



0.5046, 0.5667, 1.5327

Previews

White Background



This preview shows how the XYZ color 38.8111, 37.9316, 27.1057 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 38.8111, 37.9316, 27.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

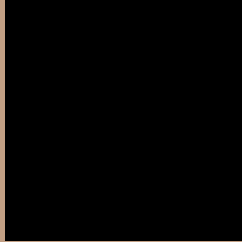
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8111, 37.9316, 27.1057

Background



This preview shows how black text looks on a background with the XYZ color 38.8111, 37.9316, 27.1057.



This preview shows how white text looks on a background with the XYZ color 38.8111, 37.9316,

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

38.8111, 37.9316, 27.1057

Protanopia

35.9139, 38.2518, 28.4121

Deuteranopia

38.5553, 37.7997, 27.0938



Tritanopia

41.7272, 37.8701, 41.1868

Trichromacy



Original Color

38.8111, 37.9316, 27.1057

Protanomaly

36.9287, 37.9829, 27.9393

Deuteranomaly

38.5553, 37.7997, 27.0938

Tritanomaly

40.7472, 37.9803, 35.7552

Monochromacy



Original Color

38.8111, 37.9316, 27.1057

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8344, 37.7576, 35.9184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8111, 37.9316, 27.1057 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, 159, 132)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 132)  
}
```

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, 159, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 132) }
```

Border

The CSS property to change the border of an element to XYZ 38.8111, 37.9316, 27.1057 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, 159, 132) }
```


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

```
.border{ border-color:rgb(194, 159, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 159, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 159, 132); box-shadow:4px 4px 4px 4px rgb(194, 159, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8111, 37.9316, 27.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 132) }
```

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

```
.background{ background-color: rgb(194,  
159, 132) }
```

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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