

Converting Colors

XYZ(36.1855, 37.0657, 38.0485)

Have a look what the booklet for
XYZ(36.1855, 37.0657, 38.0485)
contains.

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Color

**XYZ(36.1916, 37.1145,
38.0572)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA29F
RGB	172, 162, 159
RGB Percent	67%, 64%, 62%
CMY	0.3255, 0.3647, 0.3765
CMYK	0.00, 0.06, 0.08, 0.33
HSL	14°, 7%, 65%
HSV	14°, 8%, 67%
XYZ	36.1916, 37.1145, 38.0572
YIQ	164.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

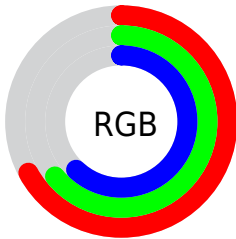
Format	Color
RYB	172, 163, 159
Decimal	11313823
CIELab	67.36, 3.08, 2.85
CIELCh	67, 4.195, 42.735
Yxy	37.1145, 0.3250, 0.3333
Android (android.graphics.Color)	4289503903 (0xFFACA29F)
YUV	164.6480, -2.7845, 6.4477
Hunter-Lab	60.9217, -0.5718, 5.6073

Details

The XYZ color **36.1916, 37.1145, 38.0572** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9324, 38.7248, 44.6110**, and the grayscale version is **35.6071, 37.4614, 40.7955**.

A 20% lighter version of the original color is **68.6290, 70.8116, 73.6692**, and **16.0284, 16.2276, 16.4748** is the 20% darker color. If you saturate the color by 10%, you get **32.5933, 32.1423, 29.9992**, and if you desaturate by 10%, it is **40.2448, 42.6633, 47.2925**.

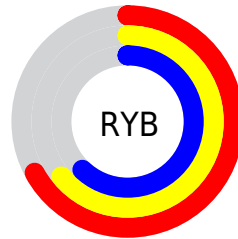
Distribution



Red (67%)

Green (64%)

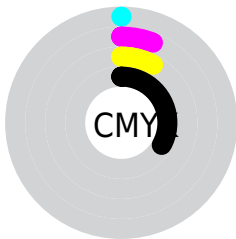
Blue (62%)



Red (67%)

Yellow (64%)

Blue (62%)

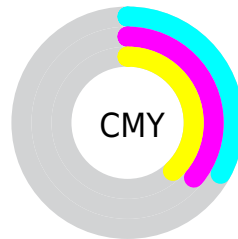


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1916, 37.1145, 38.0572 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 36.1916, 37.1145, 38.0572 by changing the saturation by 10% instead.

■ 36.1916, 37.1145,
38.0572

■ 36.1916, 37.1145,
38.0572

321.2139,
333.8060, 353.1708

■ 24.7530, 25.2962,
25.7249

■ 68.6496, 70.7489,
73.4002

■ 16.0209, 16.2978,
16.3940

■ 90.3998, 93.3336,
97.2480

■ 9.6299, 9.7352,
9.6460

116.3178,
120.2761, 125.7714

■ 5.2146, 5.2237,
5.0624

146.7691,
151.9605, 159.3888

■ 2.4098, 2.3791,
2.2245

182.1190,
188.7713, 198.5190

■ 0.8500, 0.8151,
0.6885

222.7329,

■ 0.0000, 0.0000,

231.0928, 243.5803

0.0000

268.9760,
279.3096, 294.9914

■ 36.1916, 37.1145,
38.0572

■ 36.1916, 37.1145,
38.0572

■ 32.5933, 32.1423,
29.9992

■ 40.2448, 42.6633,
47.2925

■ 29.4307, 27.7232,
23.0686

■ 44.7652, 48.8013,
57.7474

■ 26.6878, 23.8394,
17.2156

■ 49.7681, 55.5472,
69.4650

■ 24.3464, 20.4703,
12.3857

■ 55.2675, 62.9171,
82.4857

■ 22.3871, 17.5938,
8.5195

■ 61.2767, 70.9265,
96.8481

■ 20.7884, 15.1863,
5.5515

■ 66.6270, 79.1179,
106.3674

■ 19.5269, 13.2222,
3.4079

■ 70.6935, 87.2509,
107.7229

■ 18.5759, 11.6731,
2.0032

■ 70.8235, 87.5108,
107.7662

■ 17.8990, 10.5050,
1.2049

Harmonies

Analogous

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



36.4952, 37.1145, 39.6363



36.1916, 37.1145, 38.0572



35.6442, 37.1145, 37.1254

Triad

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



36.1916, 37.1145, 38.0572



34.1094, 37.1145, 39.3702



35.5493, 37.1145, 43.9623

Complementary

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



36.1916, 37.1145, 38.0572



35.9324, 38.7248, 44.6110

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.



34.9108, 37.1145, 43.8858



36.1916, 37.1145, 38.0572



34.0847, 37.1145, 41.1965

Square

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



36.1916, 37.1145, 38.0572



34.4443, 37.1145, 37.8675



34.3764, 37.1145, 42.8607



36.1214, 37.1145, 43.0667

Rectangle

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



36.1916, 37.1145, 38.0572



35.2173, 37.1145, 36.9787



34.3764, 37.1145, 42.8607



35.3352, 37.1145, 44.0502

Sweetspot

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



36.1926, 37.1161, 38.0580



69.6141, 72.7598, 78.0240



36.5906, 36.4389, 42.7318



15.1469, 15.8372, 16.9979



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



36.1926, 37.1161, 38.0580



64.5566, 65.8175, 66.5567



37.3329, 39.3967, 38.4381



8.1498, 8.3044, 8.3867



13.2545, 7.7144, 0.7904



0.4097, 0.2967, 0.0357

Inverse Universe

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



35.9324, 38.7248, 44.6110



63.9903, 69.3170, 80.8126



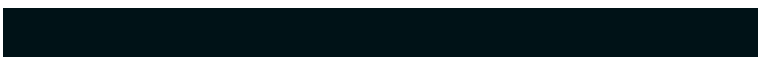
34.7860, 36.4321, 44.2289



8.0771, 8.7536, 10.2166



11.7518, 14.6374, 31.2504



0.3648, 0.4830, 0.8820

Previews

White Background



This preview shows how the XYZ color 36.1916, 37.1145, 38.0572 looks on a white background.

Color Contrast Check

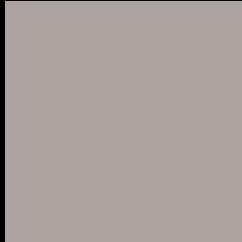
Large Text (above 18pt) WCAG AA × Fail

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 36.1916, 37.1145, 38.0572 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

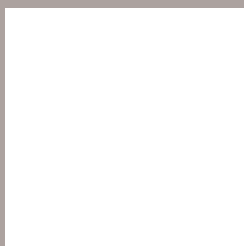
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1916, 37.1145, 38.0572

Background



This preview shows how black text looks on a background with the XYZ color 36.1916, 37.1145, 38.0572.



This preview shows how white text looks on a background with the XYZ color 36.1916, 37.1145,

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

36.1916, 37.1145, 38.0572

Protanopia

35.5908, 37.0573, 38.5346

Deuteranopia

37.7994, 37.1581, 38.4377



Tritanopia

37.5692, 37.1574, 44.7272

Trichromacy



Original Color

36.1916, 37.1145, 38.0572

Protanomaly

35.8045, 37.1675, 38.5446

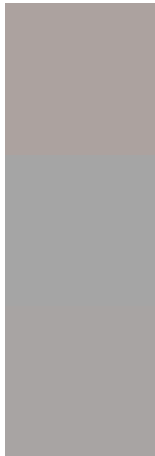
Deuteranomaly

37.2761, 37.1447, 38.4627

Tritanomaly

37.0463, 37.2011, 42.2738

Monochromacy



Original Color

36.1916, 37.1145, 38.0572

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.0348, 37.5201, 39.9932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1916, 37.1145, 38.0572 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(172, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(172, 162, 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(172, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 162, 159) }
```

Border

The CSS property to change the border of an element to XYZ 36.1916, 37.1145, 38.0572 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(172, 162, 159) }
```


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

```
.border{ border-color:rgb(172, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(172, 162,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1916, 37.1145, 38.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 162, 159) }
```

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

```
.background{ background-color: rgb(172,  
162, 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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