

Converting Colors

XYZ(35.9477, 37.5297, 36.7379)

Have a look what the booklet for
XYZ(35.9477, 37.5297, 36.7379)
contains.

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Color

**XYZ(36.0708, 37.6091,
36.8106)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA49C
RGB	171, 164, 156
RGB Percent	67%, 64%, 61%
CMY	0.3294, 0.3568, 0.3882
CMYK	0.00, 0.04, 0.09, 0.33
HSL	32°, 8%, 64%
HSV	32°, 9%, 67%
XYZ	36.0708, 37.6091, 36.8106
YIQ	165.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

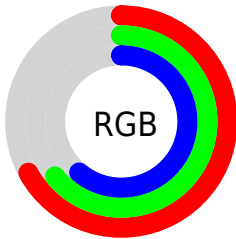
Format	Color
R_{YB}	169, 171, 156
Decimal	11248796
CIE _{Lab}	67.73, 1.09, 5.04
CIE _{LCh}	68, 5.154, 77.806
Yxy	37.6091, 0.3265, 0.3404
Android (android.graphics.Color)	4289438876 (0xFFABA49C)
YUV	165.1810, -4.5262, 5.1033
Hunter-Lab	61.3263, -2.3311, 7.3400

Details

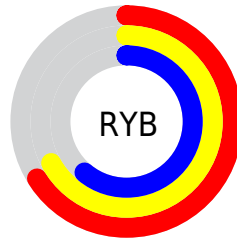
The XYZ color **36.0708, 37.6091, 36.8106** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1582, 36.2021, 43.7160**, and the grayscale version is **35.8706, 37.7387, 41.0974**.

A 20% lighter version of the original color is **68.3284, 71.4849, 71.1694**, and **15.9517, 16.5302, 15.7145** is the 20% darker color. If you saturate the color by 10%, you get **33.3408, 34.3054, 29.2525**, and if you desaturate by 10%, it is **39.0963, 41.1768, 45.4739**.

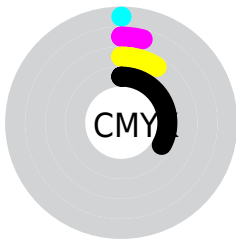
Distribution



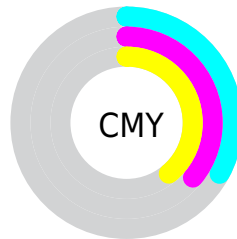
- Red (67%)
- Green (64%)
- Blue (61%)



- Red (66%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0708, 37.6091, 36.8106 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 36.0708, 37.6091, 36.8106 by changing the saturation by 10% instead.

■ 36.0708, 37.6091,
36.8106

■ 36.0708, 37.6091,
36.8106

320.6957,
335.9401, 347.6338

■ 24.6592, 25.6794,
24.7662

■ 68.4645, 71.5086,
71.4645

■ 15.9507, 16.5840,
15.6856

■ 90.1773, 94.2472,
94.9110

■ 9.5799, 9.9383,
9.1500

116.0546,
121.3576, 122.9955

■ 5.1815, 5.3581,
4.7410

146.4618,
153.2242, 156.1362

■ 2.3900, 2.4589,
2.0400

181.7641,
190.2313, 194.7519

■ 0.8401, 0.8559,
0.5797

222.3270,

■ 0.0000, 0.0000,

232.7635, 239.2610

0.0000

268.5157,
281.2049, 290.0821

■ 36.0708, 37.6091,
36.8106

■ 36.0708, 37.6091,
36.8106

■ 33.3408, 34.3054,
29.2525

■ 39.0963, 41.1768,
45.4739

■ 30.8932, 31.2540,
22.7521

■ 42.4238, 45.0099,
55.2825

■ 28.7182, 28.4496,
17.2618

■ 46.0633, 49.1161,
66.2774

■ 26.8042, 25.8850,
12.7296

■ 50.0237, 53.5013,
78.4971

■ 25.1390, 23.5522,
9.0986

■ 54.3132, 58.1712,
91.9781

■ 23.7087, 21.4428,
6.3060

■ 58.3543, 62.8971,
103.6725

■ 22.4981, 19.5477,
4.2805

■ 60.3962, 66.9809,
104.3531

■ 21.4896, 17.8567,
2.9392

■ 62.5380, 71.2644,
105.0670

■ 20.6520, 16.3541,
2.1285

■ 64.7810, 75.7504,
105.8147

Harmonies

Analogous

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



36.7849, 37.6091, 37.7855



36.0708, 37.6091, 36.8106



35.2800, 37.6091, 36.9142

Triad

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



36.0708, 37.6091, 36.8106



34.3079, 37.6091, 42.3058



36.8930, 37.6091, 43.9671

Complementary

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



36.0708, 37.6091, 36.8106



34.1582, 36.2021, 43.7160

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.



36.2167, 37.6091, 45.2695



36.0708, 37.6091, 36.8106



34.7275, 37.6091, 44.2862

Square

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



36.0708, 37.6091, 36.8106



34.2702, 37.6091, 40.0304



35.4238, 37.6091, 45.3885



37.2643, 37.6091, 41.8834

Rectangle

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



36.0708, 37.6091, 36.8106



34.8157, 37.6091, 37.5813



35.4238, 37.6091, 45.3885



36.6934, 37.6091, 44.5141

Sweetspot

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



36.0718, 37.6107, 36.8114



67.6342, 70.9525, 74.5516



35.2944, 35.0797, 39.5617



14.9865, 15.7093, 16.3495



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.



36.0718, 37.6107, 36.8114



63.3695, 65.8815, 62.4684



37.2500, 40.1285, 37.2353



8.3457, 8.6963, 8.4520



15.5491, 12.3037, 1.5553



0.4867, 0.4505, 0.0613

Inverse Universe

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



34.1582, 36.2021, 43.7160



59.0665, 62.7141, 77.9938



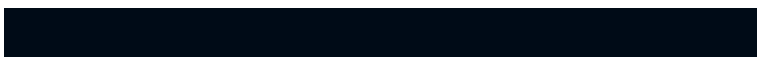
33.0469, 33.8357, 43.3178



7.8753, 8.3500, 10.1493



7.7428, 6.6194, 29.9141



0.2705, 0.2943, 0.8505

Previews

White Background



This preview shows how the XYZ color 36.0708, 37.6091, 36.8106 looks on a white background.

Color Contrast Check

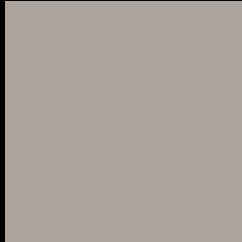
Large Text (above 18pt) WCAG AA × Fail

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 36.0708, 37.6091, 36.8106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

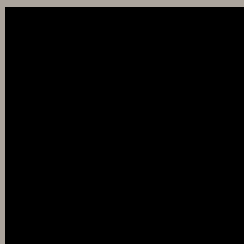
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

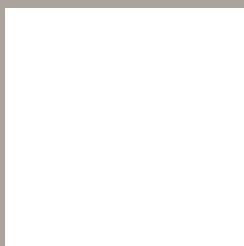
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0708, 37.6091, 36.8106

Background



This preview shows how black text looks on a background with the XYZ color 36.0708, 37.6091, 36.8106.



This preview shows how white text looks on a background with the XYZ color 36.0708, 37.6091,

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

36.0708, 37.6091, 36.8106

Protanopia

35.8538, 37.4973, 36.8005

Deuteranopia

38.2511, 37.4209, 37.1052



Tritanopia

37.8404, 37.5444, 45.2968

Trichromacy



Original Color

36.0708, 37.6091, 36.8106

Protanomaly

35.8538, 37.4973, 36.8005

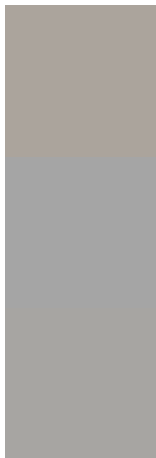
Deuteranomaly

37.4211, 37.5078, 37.1657

Tritanomaly

37.1290, 37.5149, 41.8434

Monochromacy



Original Color

36.0708, 37.6091, 36.8106

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9131, 37.7344, 39.5731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0708, 37.6091, 36.8106 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(171, 164, 156) looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 156)  
}
```

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(171, 164, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.0708, 37.6091, 36.8106 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(171, 164, 156) }
```


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

```
.border{ border-color:rgb(171, 164, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0708, 37.6091, 36.8106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 156) }
```

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

```
.background{ background-color: rgb(171,  
164, 156) }
```

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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