

Converting Colors

XYZ(37.5115, 37.8247, 36.7763)

Have a look what the booklet for
XYZ(37.5115, 37.8247, 36.7763)
contains.

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Color

**XYZ(37.5115, 37.8247,
36.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A29C
RGB	179, 162, 156
RGB Percent	70%, 64%, 61%
CMY	0.2980, 0.3647, 0.3882
CMYK	0.00, 0.09, 0.13, 0.30
HSL	16°, 13%, 66%
HSV	16°, 13%, 70%
XYZ	37.5115, 37.8247, 36.7763
YIQ	166.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

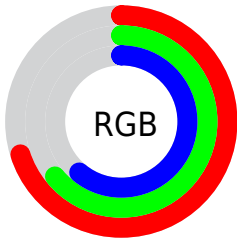
Format	Color
RYB	179, 164, 156
Decimal	11772572
CIELab	67.89, 5.16, 5.36
CIElCh	68, 7.436, 46.087
Yxy	37.8247, 0.3346, 0.3374
Android (android.graphics.Color)	4289962652 (0xFFB3A29C)
YUV	166.3990, -5.1267, 11.0511
Hunter-Lab	61.5018, 1.2435, 7.5975

Details

The XYZ color **37.5115, 37.8247, 36.7763** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7903, 40.2089, 48.4702**, and the grayscale version is **36.4595, 38.3582, 41.7721**.

A 20% lighter version of the original color is **70.7067, 71.9410, 71.1321**, and **16.7299, 16.6074, 15.6884** is the 20% darker color. If you saturate the color by 10%, you get **33.8975, 32.8460, 28.6365**, and if you desaturate by 10%, it is **41.5961, 43.3864, 46.1760**.

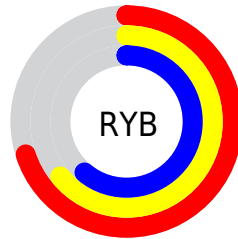
Distribution



Red (70%)

Green (64%)

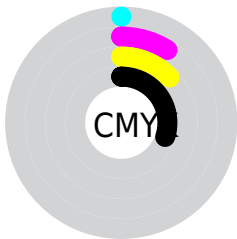
Blue (61%)



Red (70%)

Yellow (64%)

Blue (61%)

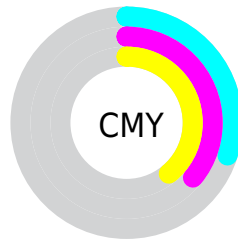


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5115, 37.8247, 36.7763 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 37.5115, 37.8247, 36.7763 by changing the saturation by 10% instead.

■ 37.5115, 37.8247,
36.7763

■ 37.5115, 37.8247,
36.7763

326.8370,
336.8674, 347.4805

■ 25.7793, 25.8467,
24.7399

■ 70.6675, 71.8394,
71.4111

■ 16.7904, 16.7090,
15.6661

■ 92.8220, 94.6448,
94.8465

■ 10.1795, 10.0272,
9.1364

119.1813,
121.8281, 122.9188

■ 5.5813, 5.4170,
4.7322

150.1107,
153.7738, 156.0463

■ 2.6304, 2.4939,
2.0351

185.9756,
190.8661, 194.6477

■ 0.9615, 0.8736,
0.5767

227.1414,

■ 0.0000, 0.0000,

233.4896, 239.1415

0.0000

273.9734,
282.0285, 289.9463

■ 37.5115, 37.8247,
36.7763

■ 37.5115, 37.8247,
36.7763

■ 33.8975, 32.8460,
28.6365

■ 41.5961, 43.3864,
46.1760

■ 30.7337, 28.4263,
21.7003

■ 46.1647, 49.5441,
56.8837

■ 28.0028, 24.5471,
15.9109

■ 51.2336, 56.3168,
68.9478

■ 25.6852, 21.1874,
11.2059

■ 56.8179, 63.7211,
82.4138

■ 23.7594, 18.3243,
7.5167

■ 62.9316, 71.7728,
97.3249

■ 22.2022, 15.9334,
4.7670

■ 68.2059, 79.9344,
106.4418

■ 20.9874, 13.9880,
2.8695

■ 72.2728, 88.0683,
107.7974

■ 20.0850, 12.4584,
1.7202

■ 72.4006, 88.3238,
107.8400

■ 19.5960, 11.5947,
1.2052

Harmonies

Analogous

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



38.1246, 37.8247, 39.4496



37.5115, 37.8247, 36.7763



36.4872, 37.8247, 35.3218

Triad

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



37.5115, 37.8247, 36.7763



33.8412, 37.8247, 39.6762



36.5693, 37.8247, 47.5941

Complementary

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



37.5115, 37.8247, 36.7763



36.7903, 40.2089, 48.4702

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.



35.4206, 37.8247, 47.6628



37.5115, 37.8247, 36.7763



33.8621, 37.8247, 42.9699

Square

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



37.5115, 37.8247, 36.7763



34.3771, 37.8247, 36.9345



34.4349, 37.8247, 45.9320



37.5727, 37.8247, 45.7489

Rectangle

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



37.5115, 37.8247, 36.7763



35.7166, 37.8247, 35.1861



34.4349, 37.8247, 45.9320



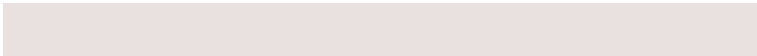
36.1869, 37.8247, 47.8289

Sweetspot

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



37.5125, 37.8264, 36.7771



73.5598, 76.4330, 80.5242



38.0464, 36.3880, 44.6809



16.1711, 16.7627, 17.5480



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.



37.5125, 37.8264, 36.7771



65.5511, 65.5072, 62.1584



39.5831, 41.9676, 37.4673



8.6708, 8.8540, 8.9045



13.8935, 8.2856, 0.8670



0.4856, 0.3576, 0.0434

Inverse Universe

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



36.7903, 40.2089, 48.4702



64.0403, 70.4885, 86.6115



34.7238, 36.0758, 47.7814



8.5512, 9.2486, 10.8408



11.6620, 14.1244, 32.2486



0.4112, 0.5328, 1.0294

Previews

White Background



This preview shows how the XYZ color 37.5115, 37.8247, 36.7763 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 37.5115, 37.8247, 36.7763 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 37.5115, 37.8247, 36.7763

Background



This preview shows how black text looks on a background with the XYZ color 37.5115, 37.8247, 36.7763.



This preview shows how white text looks on a background with the XYZ color 37.5115, 37.8247,

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

37.5115, 37.8247, 36.7763

Protanopia

36.2043, 37.9249, 37.7598

Deuteranopia

38.5791, 37.8562, 36.7261



Tritanopia

39.0733, 37.9439, 44.2943

Trichromacy



Original Color

37.5115, 37.8247, 36.7763

Protanomaly

36.5948, 37.8695, 37.2791

Deuteranomaly

38.2741, 37.9573, 36.7617

Tritanomaly

38.4502, 37.9462, 41.3742

Monochromacy



Original Color

37.5115, 37.8247, 36.7763

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7713, 38.1768, 39.6132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5115, 37.8247, 36.7763 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, 162, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 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(179, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 156) }
```

Border

The CSS property to change the border of an element to XYZ 37.5115, 37.8247, 36.7763 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, 162, 156) }
```


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

```
.border{ border-color:rgb(179, 162, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 162, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 162, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 162,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5115, 37.8247, 36.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 156) }
```

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

```
.background{ background-color: rgb(179,  
162, 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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