

Converting Colors

XYZ(37.6848, 38.4060, 36.6029)

Have a look what the booklet for
XYZ(37.6848, 38.4060, 36.6029)
contains.

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Color

**XYZ(37.7823, 38.5012,
36.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A49B
RGB	179, 164, 155
RGB Percent	70%, 64%, 61%
CMY	0.2980, 0.3568, 0.3922
CMYK	0.00, 0.08, 0.13, 0.30
HSL	23°, 14%, 65%
HSV	23°, 13%, 70%
XYZ	37.7823, 38.5012, 36.4505
YIQ	167.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

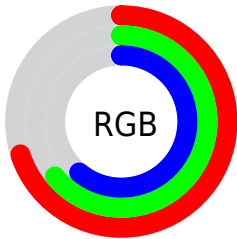
Format	Color
RYB	179, 169, 155
Decimal	11773083
CIELab	68.39, 3.89, 6.63
CIElCh	68, 7.686, 59.556
Yxy	38.5012, 0.3351, 0.3415
Android (android.graphics.Color)	4289963163 (0xFFB3A49B)
YUV	167.4590, -6.1423, 10.1215
Hunter-Lab	62.0493, 0.1036, 8.6050

Details

The XYZ color **37.7823, 38.5012, 36.4505** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0289, 38.9720, 48.2717**, and the grayscale version is **36.9804, 38.9063, 42.3689**.

A 20% lighter version of the original color is **71.1011, 72.9287, 70.6508**, and **16.8970, 17.0234, 15.4920** is the 20% darker color. If you saturate the color by 10%, you get **34.4749, 34.1162, 28.4731**, and if you desaturate by 10%, it is **41.4908, 43.3309, 45.6620**.

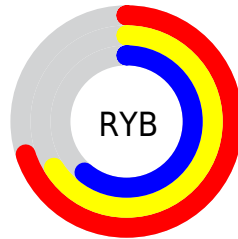
Distribution



Red (70%)

Green (64%)

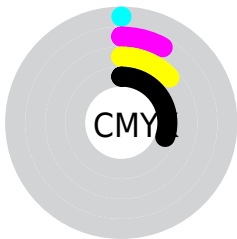
Blue (61%)



Red (70%)

Yellow (66%)

Blue (61%)

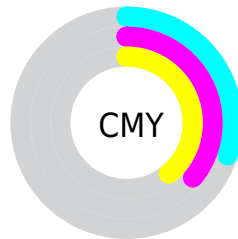


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7823, 38.5012, 36.4505 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 37.7823, 38.5012, 36.4505 by changing the saturation by 10% instead.

■ 37.7823, 38.5012,
36.4505

■ 37.7823, 38.5012,
36.4505

327.9822,
339.7651, 346.0221

■ 25.9902, 26.3719,
24.4899

■ 71.0804, 72.8757,
70.9037

■ 16.9490, 17.1021,
15.4819

■ 93.3171, 95.8897,
94.2333

■ 10.2932, 10.3073,
9.0079

119.7661,
123.3007, 122.1898

■ 5.6575, 5.6032,
4.6494

150.7927,
155.4932, 155.1915

■ 2.6766, 2.6053,
1.9880

186.7622,
192.8515, 193.6570

■ 0.9852, 0.9293,
0.5479

228.0401,

■ 0.0000, 0.0000,

235.7599, 238.0049

0.0000

274.9916,
284.6030, 288.6538

■ 37.7823, 38.5012,
36.4505

■ 37.7823, 38.5012,
36.4505

■ 34.4749, 34.1162,
28.4731

■ 41.4908, 43.3309,
45.6620

■ 31.5511, 30.1579,
21.6743

■ 45.6107, 48.6125,
56.1550

■ 28.9969, 26.6143,
15.9982

■ 50.1559, 54.3597,
67.9770

■ 26.7958, 23.4711,
11.3831

■ 55.1387, 60.5837,
81.1728

■ 24.9302, 20.7131,
7.7615

■ 60.5709, 67.2956,
95.7848

■ 23.3808, 18.3237,
5.0578

■ 65.2487, 74.0200,
105.4561

■ 22.1257, 16.2852,
3.1855

■ 68.4821, 80.4869,
106.5339

■ 21.1396, 14.5776,
2.0410

■ 71.9193, 87.3611,
107.6796

■ 20.6067, 13.6160,
1.5421

■ 72.4006, 88.3238,
107.8400

Harmonies

Analogous

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



38.6495, 38.5012, 38.7288



37.7823, 38.5012, 36.4505



36.6122, 38.5012, 35.6226

Triad

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



37.7823, 38.5012, 36.4505



34.3232, 38.5012, 41.8698



37.7505, 38.5012, 47.9701

Complementary

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



37.7823, 38.5012, 36.4505



36.0289, 38.9720, 48.2717

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.



36.5762, 38.5012, 48.9219



37.7823, 38.5012, 36.4505



34.6132, 38.5012, 45.2845

Square

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



37.7823, 38.5012, 36.4505



34.6305, 38.5012, 38.6442



35.4313, 38.5012, 47.9137



38.6308, 38.5012, 45.3785

Rectangle

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



37.7823, 38.5012, 36.4505



35.8232, 38.5012, 35.9673



35.4313, 38.5012, 47.9137



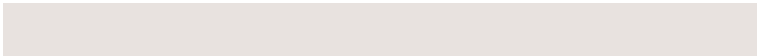
37.3762, 38.5012, 48.4985

Sweetspot

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



37.7834, 38.5029, 36.4513



73.8474, 77.0082, 80.6200



37.5869, 35.9368, 43.0854



16.2460, 16.9125, 17.5730



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.



37.7834, 38.5029, 36.4513



65.9002, 66.6282, 60.9707



39.9934, 42.9231, 37.1880



8.7489, 9.0103, 8.9306



14.6196, 9.7379, 1.1091



0.5172, 0.4207, 0.0540

Inverse Universe

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



36.0289, 38.9720, 48.2717



62.1612, 67.6268, 86.1582



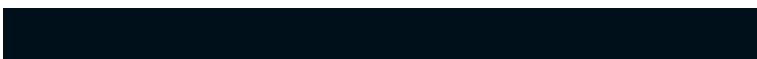
33.9158, 34.7458, 47.5673



8.4694, 9.0851, 10.8135



9.8966, 10.5936, 31.6601



0.3652, 0.4410, 1.0141

Previews

White Background



This preview shows how the XYZ color 37.7823, 38.5012, 36.4505 looks on a white background.

Color Contrast Check

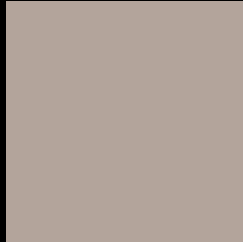
Large Text (above 18pt) WCAG AA × Fail

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 37.7823, 38.5012, 36.4505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

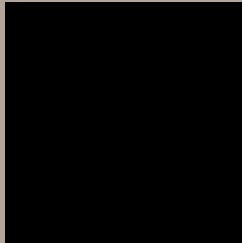
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7823, 38.5012, 36.4505

Background



This preview shows how black text looks on a background with the XYZ color 37.7823, 38.5012, 36.4505.



This preview shows how white text looks on a background with the XYZ color 37.7823, 38.5012,

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

37.7823, 38.5012, 36.4505

Protanopia

36.6502, 38.4434, 36.9411

Deuteranopia

39.2391, 38.4548, 36.8069



Tritanopia

39.6763, 38.4908, 45.3827

Trichromacy



Original Color

37.7823, 38.5012, 36.4505

Protanomaly

37.1351, 38.4245, 36.9119

Deuteranomaly

38.6882, 38.4313, 36.8314

Tritanomaly

38.9514, 38.4544, 41.9287

Monochromacy



Original Color

37.7823, 38.5012, 36.4505

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0417, 38.5747, 40.1437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7823, 38.5012, 36.4505 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, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(179, 164, 155)  
}
```

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, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 164, 155) }
```

Border

The CSS property to change the border of an element to XYZ 37.7823, 38.5012, 36.4505 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, 164, 155) }
```


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

```
.border{ border-color:rgb(179, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(179, 164,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7823, 38.5012, 36.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 164, 155) }
```

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

```
.background{ background-color: rgb(179,  
164, 155) }
```

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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