

Converting Colors

XYZ(38.1338, 36.9165, 31.3787)

Have a look what the booklet for
XYZ(38.1338, 36.9165, 31.3787)
contains.

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Color

**XYZ(38.0773, 36.9464,
31.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9D90
RGB	189, 157, 144
RGB Percent	74%, 62%, 56%
CMY	0.2588, 0.3843, 0.4353
CMYK	0.00, 0.17, 0.24, 0.26
HSL	17°, 25%, 65%
HSV	17°, 24%, 74%
XYZ	38.0773, 36.9464, 31.5100
YIQ	165.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

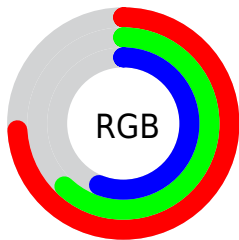
Format	Color
RYB	189, 162, 144
Decimal	12426640
CIELab	67.24, 9.81, 11.22
CIElCh	67, 14.907, 48.833
Yxy	36.9464, 0.3574, 0.3468
Android (android.graphics.Color)	4290616720 (0xFFBD9D90)
YUV	165.0860, -10.3954, 20.9726
Hunter-Lab	60.7836, 5.4485, 11.8127

Details

The XYZ color **38.0773, 36.9464, 31.5100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2119, 40.6530, 54.0826**, and the grayscale version is **35.8468, 37.7136, 41.0701**.

A 20% lighter version of the original color is **71.7426, 70.7570, 63.3023**, and **17.1661, 16.2671, 12.8248** is the 20% darker color. If you saturate the color by 10%, you get **34.6022, 32.1175, 23.8115**, and if you desaturate by 10%, it is **42.0463, 42.3756, 40.5672**.

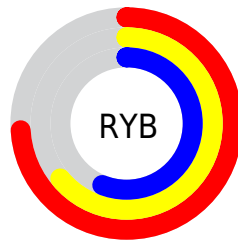
Distribution



Red (74%)

Green (62%)

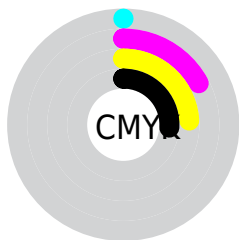
Blue (56%)



Red (74%)

Yellow (64%)

Blue (56%)

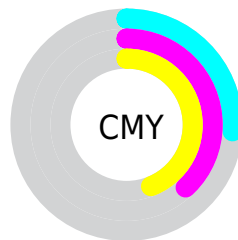


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0773, 36.9464, 31.5100 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 38.0773, 36.9464, 31.5100 by changing the saturation by 10% instead.


 38.0773, 36.9464,
31.5100


 38.0773, 36.9464,
31.5100


329.2266,
333.0784, 323.3047

 26.2202, 25.1660,
20.7258


 71.5297, 70.4903,
63.1311

 17.1220, 16.2008,
12.7344


 93.8558, 93.0227,
84.8050

 10.4173, 9.6663,
7.1174


120.4021,
119.9077, 110.9460

 5.7409, 5.1783,
3.4560

151.5342,
151.5300, 141.9725

 2.7273, 2.3523,
1.3319

187.6173,
188.2738, 178.3031

 1.0113, 0.8012,
0.0878

229.0169,

 0.0000, 0.0000,

230.5235, 220.3563

0.0000

276.0982,
278.6636, 268.5506

■ 38.0773, 36.9464,
31.5100

■ 38.0773, 36.9464,
31.5100

■ 34.6022, 32.1175,
23.8115

■ 42.0463, 42.3756,
40.5672

■ 31.5980, 27.8630,
17.4033

■ 46.5253, 48.4199,
51.0422

■ 29.0442, 24.1623,
12.2144

■ 51.5329, 55.0999,
62.9935

■ 26.9173, 20.9917,
8.1663

■ 57.0862, 62.4337,
76.4758

■ 25.1918, 18.3256,
5.1709

■ 63.2014, 70.4386,
91.5406

■ 23.8388, 16.1363,
3.1271

■ 69.5048, 78.9758,
106.1883

■ 22.8249, 14.3926,
1.9134

■ 73.5566, 87.0793,
107.5389

■ 22.3344, 13.5149,
1.4315

■ 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



39.4244, 36.9464, 36.3158



38.0773, 36.9464, 31.5100



35.9710, 36.9464, 29.1404

Triad

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



38.0773, 36.9464, 31.5100



30.9948, 36.9464, 37.8490



36.5485, 36.9464, 53.2979

Complementary

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



38.0773, 36.9464, 31.5100



36.2119, 40.6530, 54.0826

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.



34.2755, 36.9464, 53.8229



38.0773, 36.9464, 31.5100



31.1343, 36.9464, 44.4123

Square

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



38.0773, 36.9464, 31.5100



31.9233, 36.9464, 32.5278



32.3132, 36.9464, 50.4226



38.5157, 36.9464, 49.0574

Rectangle

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



38.0773, 36.9464, 31.5100



34.4486, 36.9464, 29.0690



32.3132, 36.9464, 50.4226



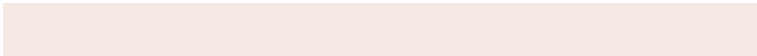
35.7929, 36.9464, 53.9307

Sweetspot

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



38.0783, 36.9481, 31.5108



80.5737, 83.0199, 84.9322



38.8211, 33.9103, 45.7037



17.2222, 17.7118, 18.0183



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.0783, 36.9481, 31.5108



64.5714, 61.1525, 48.3467



42.1909, 45.1733, 32.8816



9.7488, 9.9735, 9.9879



15.0850, 9.2089, 0.9824



0.6491, 0.4771, 0.0579

Inverse Universe

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



36.2119, 40.6530, 54.0826



60.5961, 69.0217, 96.3550



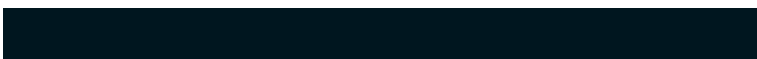
32.2017, 32.6326, 52.7459



9.5693, 10.3310, 12.1619



12.0200, 14.1518, 34.4909



0.5244, 0.6614, 1.3689

Previews

White Background



This preview shows how the XYZ color 38.0773, 36.9464, 31.5100 looks on a white background.

Color Contrast Check

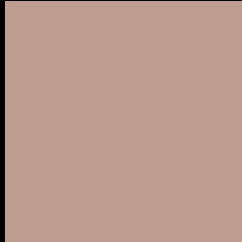
Large Text (above 18pt) WCAG AA × Fail

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 38.0773, 36.9464, 31.5100 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

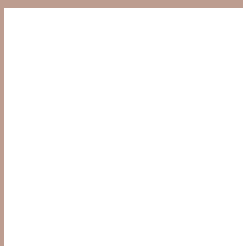
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0773, 36.9464, 31.5100

Background



This preview shows how black text looks on a background with the XYZ color 38.0773, 36.9464, 31.5100.



This preview shows how white text looks on a background with the XYZ color 38.0773, 36.9464,

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

38.0773, 36.9464, 31.5100

Protanopia

35.1582, 36.9589, 32.8845

Deuteranopia

37.7544, 37.0321, 31.5436



Tritanopia

40.1768, 37.0708, 41.1142

Trichromacy



Original Color

38.0773, 36.9464, 31.5100

Protanomaly

36.2933, 37.0300, 32.4288

Deuteranomaly

37.9999, 37.1587, 31.5551

Tritanomaly

39.3788, 36.9877, 37.4116

Monochromacy



Original Color

38.0773, 36.9464, 31.5100

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4617, 37.2737, 37.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0773, 36.9464, 31.5100 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(189, 157, 144)` looks like.

```
.text, #text, p{  
    color:rgb(189, 157, 144)  
}
```

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(189, 157, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 157, 144) }
```

Border

The CSS property to change the border of an element to XYZ 38.0773, 36.9464, 31.5100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

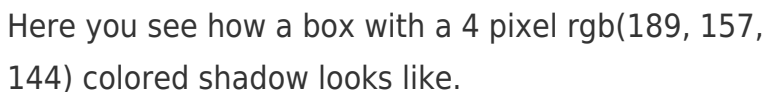
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 157, 144) }
```


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

```
.border{ border-color:rgb(189, 157, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 157, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 157, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 157, 144); box-shadow:4px 4px 4px 4px rgb(189, 157, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0773, 36.9464, 31.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 157, 144) }
```

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

```
.background{ background-color: rgb(189,  
157, 144) }
```

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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