

Converting Colors

XYZ(35.6975, 38.4213, 18.9777)

Have a look what the booklet for
XYZ(35.6975, 38.4213, 18.9777)
contains.

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Color

**XYZ(35.7145, 38.3596,
18.8864)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A669
RGB	183, 166, 105
RGB Percent	72%, 65%, 41%
CMY	0.2824, 0.3490, 0.5882
CMYK	0.00, 0.09, 0.43, 0.28
HSL	47°, 35%, 56%
HSV	47°, 43%, 72%
XYZ	35.7145, 38.3596, 18.8864
YIQ	164.1290, 29.7130, -15.3670

Conversions

Conversions Part 2

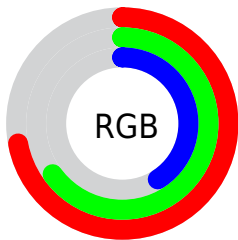
Format	Color
RYB	127, 183, 105
Decimal	12035689
CIELab	68.28, -2.49, 33.78
CIELCh	68, 33.872, 94.219
Yxy	38.3596, 0.3842, 0.4126
Android (android.graphics.Color)	4290225769 (0xFFB7A669)
YUV	164.1290, -29.1506, 16.5499
Hunter-Lab	61.9351, -5.4556, 25.2748

Details

The XYZ color **35.7145, 38.3596, 18.8864** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.3324, 20.3407, 47.6017**, and the grayscale version is **35.4734, 37.3208, 40.6423**.

A 20% lighter version of the original color is **67.8774, 72.6725, 42.3480**, and **15.6332, 16.9093, 6.1813** is the 20% darker color. If you saturate the color by 10%, you get **34.1600, 36.5972, 14.2166**, and if you desaturate by 10%, it is **37.4958, 40.2514, 24.6312**.

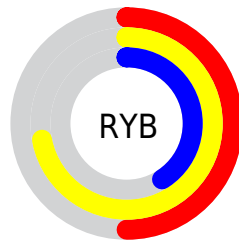
Distribution



Red (72%)

Green (65%)

Blue (41%)



Red (50%)

Yellow (72%)

Blue (41%)

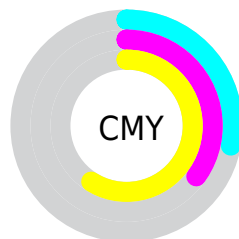


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7145, 38.3596, 18.8864 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 35.7145, 38.3596, 18.8864 by changing the saturation by 10% instead.

■ 35.7145, 38.3596,
18.8864

■ 35.7145, 38.3596,
18.8864

319.1640,
339.1601, 258.2227

■ 24.3829, 26.2619,
11.4122

■ 67.9179, 72.6590,
42.3762

■ 15.7441, 17.0197,
6.2272

■ 89.5204, 95.6294,
59.2289

■ 9.4330, 10.2485,
2.9127

■ 115.2773,
122.9930, 80.0449

■ 5.0840, 5.5640,
1.0502

■ 145.5538,
155.1339, 105.2427

■ 2.3319, 2.5819,
0.0000

180.7154,
192.4367, 135.2408

■ 0.8109, 0.9176,
0.0000

221.1274,

■ 0.0000, 0.0000,

235.2857, 170.4578

0.0000

267.1551,
284.0654, 211.3123

■ 35.7145, 38.3596,
18.8864

■ 35.7145, 38.3596,
18.8864

■ 34.1600, 36.5972,
14.2166

■ 37.4958, 40.2514,
24.6312

■ 32.8161, 34.9534,
10.5504

■ 39.5133, 42.2726,
31.5116

■ 31.6690, 33.4236,
7.8114


■ 41.7789, 44.4297,
39.5865


■ 30.7016, 32.0006,
5.9110


■ 44.3033, 46.7271,
48.9101

■ 29.8936, 30.6761,
4.7435


■ 47.0963, 49.1692,
59.5330

 29.3697, 29.7498,
4.1943

 50.1670, 51.7599,
71.5032

 53.5244, 54.5031,
84.8663

 57.1769, 57.4024,
99.6656

 58.6738, 59.4778,
102.9957

Harmonies

Analogous

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



41.0773, 38.3596, 20.6018



35.7145, 38.3596, 18.8864



31.0202, 38.3596, 21.9726

Triad

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



35.7145, 38.3596, 18.8864



28.6605, 38.3596, 60.4382



46.4349, 38.3596, 55.8008

Complementary

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



35.7145, 38.3596, 18.8864



21.3324, 20.3407, 47.6017

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.



42.5004, 38.3596, 70.8707



35.7145, 38.3596, 18.8864



32.2017, 38.3596, 73.9718

Square

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



35.7145, 38.3596, 18.8864



27.2058, 38.3596, 43.9529



37.2151, 38.3596, 78.1889



47.6048, 38.3596, 39.6550

Rectangle

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



35.7145, 38.3596, 18.8864



28.7965, 38.3596, 26.9123



37.2151, 38.3596, 78.1889



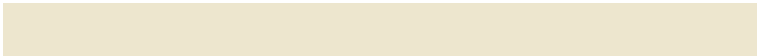
45.3743, 38.3596, 61.2762

Sweetspot

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



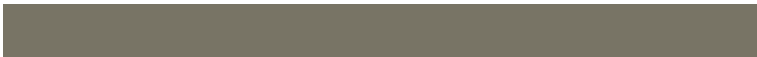
35.7154, 38.3614, 18.8872



74.5720, 79.3368, 69.9800



28.1680, 21.6060, 21.4908



16.2656, 17.3308, 14.7162



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.7154, 38.3614, 18.8872



61.3830, 65.7833, 26.0473



34.4245, 42.5894, 19.7713



9.5797, 10.1623, 9.5635



20.5408, 20.8579, 2.9434



0.7660, 0.8190, 0.1177

Inverse Universe

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



21.3324, 20.3407, 47.6017



32.2937, 29.3624, 84.2012



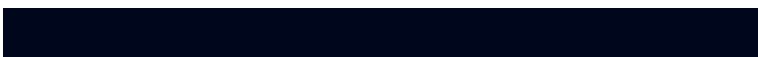
22.1740, 17.9430, 47.0945



8.6756, 9.0283, 11.3648



6.5317, 3.5231, 31.5888



0.2765, 0.2168, 1.1290

Previews

White Background



This preview shows how the XYZ color 35.7145, 38.3596, 18.8864 looks on a white background.

Color Contrast Check

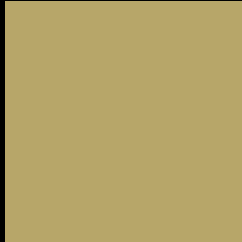
Large Text (above 18pt) WCAG AA × Fail

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 35.7145, 38.3596, 18.8864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

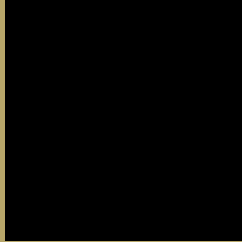
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7145, 38.3596, 18.8864

Background



This preview shows how black text looks on a background with the XYZ color 35.7145, 38.3596, 18.8864.



This preview shows how white text looks on a background with the XYZ color 35.7145, 38.3596,

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

35.7145, 38.3596, 18.8864

Protanopia

35.4246, 38.4811, 18.9251

Deuteranopia

39.0870, 38.2544, 18.9594



Tritanopia

40.7178, 38.3031, 43.2774

Trichromacy



Original Color

35.7145, 38.3596, 18.8864

Protanomaly

35.6599, 38.6024, 18.9361

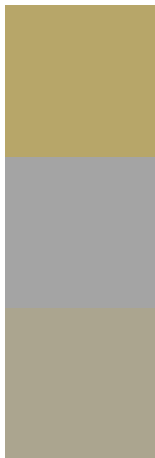
Deuteranomaly

37.7700, 38.3506, 19.0474

Tritanomaly

38.4267, 38.1299, 32.5286

Monochromacy



Original Color

35.7145, 38.3596, 18.8864

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2076, 37.5514, 31.3791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7145, 38.3596, 18.8864 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(183, 166, 105)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 105)  
}
```

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(183, 166, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 105) }
```

Border

The CSS property to change the border of an element to XYZ 35.7145, 38.3596, 18.8864 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(183, 166, 105) }
```


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

```
.border{ border-color:rgb(183, 166, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 105);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7145, 38.3596, 18.8864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 105) }
```

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

```
.background{ background-color: rgb(183,  
166, 105) }
```

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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