

Converting Colors

XYZ(35.1850, 38.1479, 16.0985)

Have a look what the booklet for
XYZ(35.1850, 38.1479, 16.0985)
contains.

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Color

**XYZ(35.1850, 38.1479,
16.0985)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A65E
RGB	183, 166, 94
RGB Percent	72%, 65%, 37%
CMY	0.2824, 0.3490, 0.6314
CMYK	0.00, 0.09, 0.49, 0.28
HSL	49°, 38%, 54%
HSV	49°, 49%, 72%
XYZ	35.1850, 38.1479, 16.0985
YIQ	162.8750, 33.2440, -18.7880

Conversions

Conversions Part 2

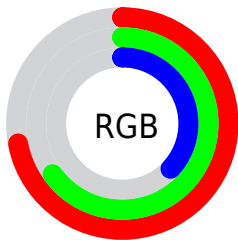
Format	Color
RYB	115, 183, 94
Decimal	12035678
CIELab	68.13, -3.61, 39.29
CIELCh	68, 39.461, 95.255
Yxy	38.1479, 0.3934, 0.4266
Android (android.graphics.Color)	4290225758 (0xFFB7A65E)
YUV	162.8750, -33.9554, 17.6496
Hunter-Lab	61.7640, -6.4011, 27.7811

Details

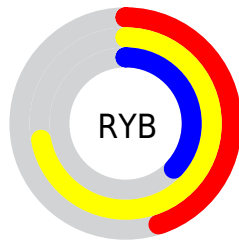
The XYZ color **35.1850, 38.1479, 16.0985** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8475, 17.1668, 47.1196**, and the grayscale version is **34.8988, 36.7162, 39.9840**.

A 20% lighter version of the original color is **67.3204, 72.4890, 37.6377**, and **15.3931, 16.8133, 4.9166** is the 20% darker color. If you saturate the color by 10%, you get **33.8329, 36.6058, 12.0657**, and if you desaturate by 10%, it is **36.7509, 39.8060, 21.1639**.

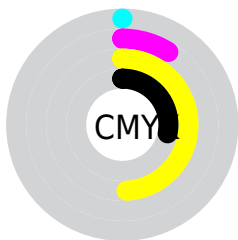
Distribution



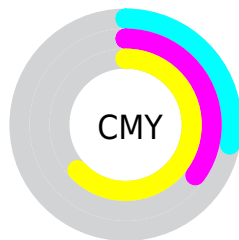
- Red (72%)
- Green (65%)
- Blue (37%)



- Red (45%)
- Yellow (72%)
- Blue (37%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (28%)



- Cyan (28%)
- Magenta (35%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1850, 38.1479, 16.0985 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 35.1850, 38.1479, 16.0985 by changing the saturation by 10% instead.

■ 35.1850, 38.1479,
16.0985

■ 35.1850, 38.1479,
16.0985

316.8779,
338.2540, 241.7878

■ 23.9726, 26.0975,
9.4388

■ 67.1044, 72.3348,
37.5383

■ 15.4379, 16.8966,
4.9278

■ 88.5421, 95.2400,
53.1554

■ 9.2156, 10.1608,
2.1469

■ 114.1190,
122.5324, 72.5955

■ 4.9403, 5.5057,
0.6435

■ 144.2003,
154.5962, 96.2769

■ 2.2467, 2.5469,
0.0000

179.1515,
191.8158, 124.6183

■ 0.7672, 0.9001,
0.0000

219.3380,

■ 0.0000, 0.0000,

234.5758, 158.0382

0.0000

265.1250,
283.2604, 196.9552

■ 35.1850, 38.1479,
16.0985

■ 35.1850, 38.1479,
16.0985

■ 33.8329, 36.6058,
12.0657

■ 36.7509, 39.8060,
21.1639

■ 32.6778, 35.1685,
8.9896

■ 38.5405, 41.5800,
27.3260

■ 31.7046, 33.8311,
6.7874


■ 40.5666, 43.4766,
34.6464


■ 30.8945, 32.5860,
5.3613


■ 42.8398, 45.5003,
43.1816


■ 30.2157, 31.4201,
4.5440


■ 45.3705, 47.6554,
52.9843

 30.1268, 31.2643,
4.4468

 48.1680, 49.9460,
64.1039

 51.2414, 52.3758,
76.5875

 54.5993, 54.9484,
90.4796

 57.6481, 57.4267,
102.6538

Harmonies

Analogous

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



41.4421, 38.1479, 17.7295



35.1850, 38.1479, 16.0985



29.8461, 38.1479, 19.5487

Triad

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



35.1850, 38.1479, 16.0985



27.4261, 38.1479, 64.3379



48.1058, 38.1479, 57.4032

Complementary

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



35.1850, 38.1479, 16.0985



18.8475, 17.1668, 47.1196

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.



43.5291, 38.1479, 75.8236



35.1850, 38.1479, 16.0985



31.5261, 38.1479, 80.5567

Square

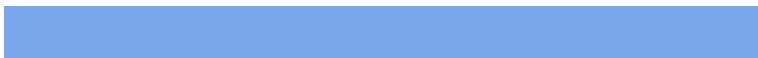
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.1850, 38.1479, 16.0985



25.7025, 38.1479, 44.7197



37.3535, 38.1479, 85.2646



49.3689, 38.1479, 38.5082

Rectangle

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



35.1850, 38.1479, 16.0985



27.3759, 38.1479, 25.0571



37.3535, 38.1479, 85.2646



46.8804, 38.1479, 64.0070

Sweetspot

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



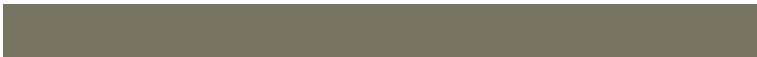
35.1859, 38.1497, 16.0993



73.9822, 79.0673, 66.9774



26.4448, 19.2384, 17.5909



16.1570, 17.2982, 14.1113



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.



35.1859, 38.1497, 16.0993



60.5219, 65.4741, 21.4040



32.7223, 41.7729, 16.9285



9.6005, 10.2040, 9.5705



21.0647, 21.9057, 3.1180



0.7806, 0.8483, 0.1226

Inverse Universe

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



18.8475, 17.1668, 47.1196



27.9637, 23.6979, 83.3360



20.3934, 15.4680, 46.7102



8.6562, 8.9897, 11.3584



6.4195, 3.2987, 31.5514



0.2683, 0.2004, 1.1263

Previews

White Background



This preview shows how the XYZ color 35.1850, 38.1479, 16.0985 looks on a white background.

Color Contrast Check

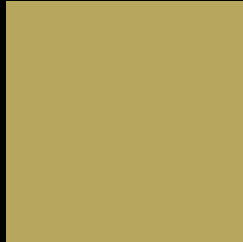
Large Text (above 18pt) WCAG AA × Fail

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 35.1850, 38.1479, 16.0985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

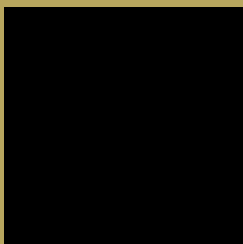
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

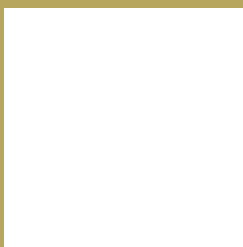
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1850, 38.1479, 16.0985

Background



This preview shows how black text looks on a background with the XYZ color 35.1850, 38.1479, 16.0985.



This preview shows how white text looks on a background with the XYZ color 35.1850, 38.1479,

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

35.1850, 38.1479, 16.0985

Protanopia

34.9480, 38.0257, 16.0874

Deuteranopia

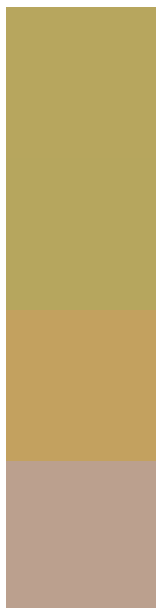
38.6953, 37.8548, 16.3336



Tritanopia

40.4536, 37.9257, 42.7244

Trichromacy



Original Color

35.1850, 38.1479, 16.0985

Protanomaly

34.9480, 38.0257, 16.0874

Deuteranomaly

37.3161, 37.9181, 16.1786

Tritanomaly

37.9468, 37.6594, 30.8602

Monochromacy



Original Color

35.1850, 38.1479, 16.0985

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.4405, 36.9319, 29.3581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1850, 38.1479, 16.0985 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 94) }
```

Border

The CSS property to change the border of an element to XYZ 35.1850, 38.1479, 16.0985 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, 94) }
```


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

```
.border{ border-color:rgb(183, 166, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 94);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1850, 38.1479, 16.0985 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, 94) }
```

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

```
.background{ background-color: rgb(183,  
166, 94) }
```

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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