

Converting Colors

XYZ(35.0682, 38.8558, 6.0671)

Have a look what the booklet for
XYZ(35.0682, 38.8558, 6.0671)
contains.

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Color

**XYZ(35.0682, 38.8558,
6.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA80E
RGB	189, 168, 14
RGB Percent	74%, 66%, 5%
CMY	0.2588, 0.3412, 0.9450
CMYK	0.00, 0.11, 0.93, 0.26
HSL	53°, 86%, 40%
HSV	53°, 93%, 74%
XYZ	35.0682, 38.8558, 6.0671
YIQ	156.7230, 61.9500, -43.4420

Conversions

Conversions Part 2

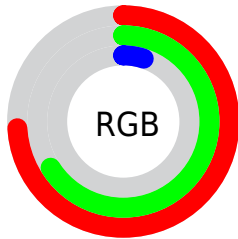
Format	Color
RYB	38, 189, 14
Decimal	12429326
CIELab	68.65, -6.24, 69.55
CIELCh	69, 69.832, 95.128
Yxy	38.8558, 0.4384, 0.4858
Android (android.graphics.Color)	4290619406 (0xFFBDA80E)
YUV	156.7230, -70.3624, 28.3069
Hunter-Lab	62.3344, -8.6644, 37.8633

Details

The XYZ color **35.0682, 38.8558, 6.0671** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.9678, 4.9701, 48.5778**, and the grayscale version is **32.2115, 33.8890, 36.9051**.

A 20% lighter version of the original color is **66.9776, 73.5243, 18.6442**, and **15.6055, 17.3161, 2.5198** is the 20% darker color. If you saturate the color by 10%, you get **34.6813, 38.2091, 5.5472**, and if you desaturate by 10%, it is **35.6853, 39.7799, 7.2299**.

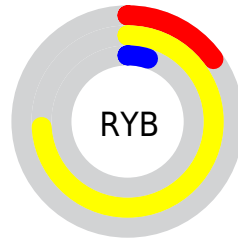
Distribution



Red (74%)

Green (66%)

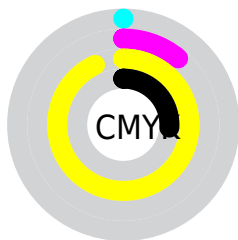
Blue (5%)



Red (15%)

Yellow (74%)

Blue (5%)

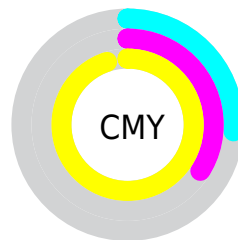


Cyan (0%)

Magenta (11%)

Yellow (93%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0682, 38.8558, 6.0671 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 35.0682, 38.8558, 6.0671 by changing the saturation by 10% instead.


 35.0682, 38.8558,
6.0671


 35.0682, 38.8558,
6.0671


316.3720,
341.2770, 168.9954

 23.8822, 26.6476,
2.8165


 66.9247, 73.4180,
18.5501


 15.3705, 17.3087,
1.0017


 88.3260, 96.5407,
28.6195

 9.1678, 10.4548,
0.0000


 113.8629,
124.0704, 41.7990

 4.9088, 5.7016,
0.0000

 143.9011,
156.3914, 58.5070

 2.2281, 2.6645,
0.0000

 178.8057,
193.8882, 79.1621

 0.7575, 0.9592,
0.0000

 218.9421,

 0.0000, 0.0000,

236.9452, 104.1828

0.0000

264.6758,
285.9466, 133.9877

■ 35.0682, 38.8558,
6.0671

■ 35.0682, 38.8558,
6.0671

■ 34.6813, 38.2091,
5.5472

■ 35.6853, 39.7799,
7.2299

■ 36.4573, 40.7761,
9.1759

■ 37.4069, 41.8552,
12.0204

■ 38.5522, 43.0244,
15.8593

■ 39.9092, 44.2903,
20.7763

■ 41.4922, 45.6584,
26.8461

■ 43.3140, 47.1342,
34.1368

■ 45.3867, 48.7223,
42.7111

■ 47.7213, 50.4274,
52.6277

Harmonies

Analogous

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



46.5874, 38.8558, 7.6668



35.0682, 38.8558, 6.0671



26.0240, 38.8558, 9.5397

Triad

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



35.0682, 38.8558, 6.0671



22.1612, 38.8558, 87.7562



59.7039, 38.8558, 73.3358

Complementary

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



35.0682, 38.8558, 6.0671



9.9678, 4.9701, 48.5778

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.



50.5261, 38.8558, 113.9509



35.0682, 38.8558, 6.0671



28.7111, 38.8558, 124.7849

Square

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



35.0682, 38.8558, 6.0671



19.5811, 38.8558, 47.9708



38.8592, 38.8558, 136.2015



62.3339, 38.8558, 37.1082

Rectangle

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



35.0682, 38.8558, 6.0671



22.1226, 38.8558, 16.2177



38.8592, 38.8558, 136.2015



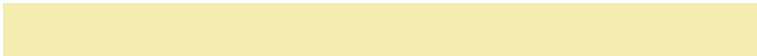
57.2037, 38.8558, 87.3956

Sweetspot

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



35.0691, 38.8577, 6.0679



75.6099, 82.8446, 53.2128



21.4827, 11.2689, 2.8216



15.9687, 17.5753, 10.2929



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.



35.0691, 38.8577, 6.0679



61.9964, 68.1965, 9.8957



26.7106, 40.7745, 6.8784



10.2219, 10.9198, 10.1456



23.3719, 25.7826, 3.7447



0.9434, 1.0657, 0.1560

Inverse Universe

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



9.9678, 4.9701, 48.5778



16.8994, 7.4774, 86.7788



12.4987, 5.6156, 48.5690



9.1063, 9.4049, 12.0076



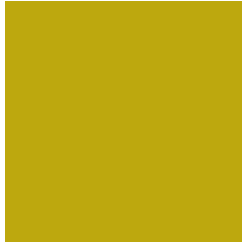
6.4125, 2.9367, 32.6218



0.2819, 0.1765, 1.2881

Previews

White Background



This preview shows how the XYZ color 35.0682, 38.8558, 6.0671 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 35.0682, 38.8558, 6.0671 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 35.0682, 38.8558, 6.0671

Background



This preview shows how black text looks on a background with the XYZ color 35.0682, 38.8558, 6.0671.



This preview shows how white text looks on a background with the XYZ color 35.0682, 38.8558,

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

35.0682, 38.8558, 6.0671

Protanopia

35.0682, 38.8558, 6.0671

Deuteranopia

39.7250, 38.8635, 6.3274



Tritanopia

42.5095, 38.7462, 42.2841

Trichromacy



Original Color

35.0682, 38.8558, 6.0671

Protanomaly

35.0682, 38.8558, 6.0671

Deuteranomaly

37.9575, 38.7322, 6.1849

Tritanomaly

38.0011, 37.9136, 20.6444

Monochromacy



Original Color

35.0682, 38.8558, 6.0671

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.6569, 34.9447, 18.4411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0682, 38.8558, 6.0671 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, 168, 14)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 14)  
}
```

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, 168, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 14) }
```

Border

The CSS property to change the border of an element to XYZ 35.0682, 38.8558, 6.0671 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, 168, 14) }
```


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

```
.border{ border-color:rgb(189, 168, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 14);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0682, 38.8558, 6.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 14) }
```

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

```
.background{ background-color: rgb(189,  
168, 14) }
```

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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