

Converting Colors

XYZ(34.0886, 38.3906, 6.2429)

Have a look what the booklet for
XYZ(34.0886, 38.3906, 6.2429)
contains.

| | |
|--|----|
| XYZ(34.1278, 38.3666, 6.2229) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(34.1278, 38.3666,
6.2229)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B9A813 |
| RGB | 185, 168, 19 |
| RGB Percent | 73%, 66%, 7% |
| CMY | 0.2745, 0.3412, 0.9254 |
| CMYK | 0.00, 0.09, 0.90, 0.27 |
| HSL | 54°, 81%, 40% |
| HSV | 54°, 90%, 73% |
| XYZ | 34.1278, 38.3666, 6.2229 |
| YIQ | 156.0970, 57.9610, -42.7350 |

Conversions

Conversions Part 2

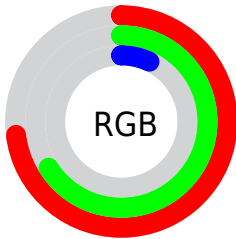
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 38, 185, 19 |
| Decimal | 12167187 |
| CIE Lab | 68.29, -7.94, 68.29 |
| CIE LCh | 68, 68.749, 96.631 |
| Yxy | 38.3666, 0.4335, 0.4874 |
| Android (android.graphics.Color) | 4290357267 (0xFFB9A813) |
| YUV | 156.0970, -67.5888, 25.3479 |
| Hunter-Lab | 61.9408, -10.0474, 37.4020 |

Details

The XYZ color **34.1278, 38.3666, 6.2229** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.6567, 4.9034, 46.3361**, and the grayscale version is **31.9190, 33.5812, 36.5700**.

A 20% lighter version of the original color is **65.6441, 72.8279, 18.9849**, and **14.9978, 17.0028, 2.4914** is the 20% darker color. If you saturate the color by 10%, you get **33.6667, 37.6282, 5.5032**, and if you desaturate by 10%, it is **34.7053, 39.1627, 7.5226**.

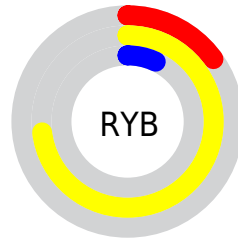
Distribution



Red (73%)

Green (66%)

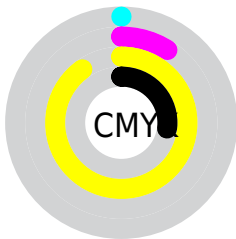
Blue (7%)



Red (15%)

Yellow (73%)

Blue (7%)

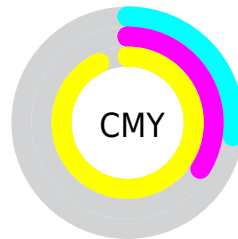


Cyan (0%)

Magenta (9%)

Yellow (90%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1278, 38.3666, 6.2229 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 34.1278, 38.3666, 6.2229 by changing the saturation by 10% instead.


 34.1278, 38.3666,
6.2229


 34.1278, 38.3666,
6.2229


312.2774,
339.1900, 170.4189


 23.1552, 26.2673,
2.9101


 65.4753, 72.6697,
18.8774

 14.8294, 17.0237,
1.0489


 86.5809, 95.6423,
29.0562

 8.7853, 10.2514,
0.0000


 111.7949,
123.0082, 42.3608

 4.6574, 5.5660,
0.0000

 141.4825,
155.1517, 59.2097

 2.0804, 2.5830,
0.0000

 176.0093,
192.4572, 80.0214

 0.6785, 0.9181,
0.0000

 215.7404,

 0.0000, 0.0000,

235.3092, 105.2144

0.0000

261.0414,
284.0920, 135.2074

■ 34.1278, 38.3666,
6.2229

■ 34.1278, 38.3666,
6.2229

■ 33.6667, 37.6282,
5.5032

■ 34.7053, 39.1627,
7.5226

■ 33.6543, 37.6080,
5.4853

■ 35.4347, 40.0263,
9.6010

■ 36.3365, 40.9670,
12.5615

■ 37.4271, 41.9915,
16.4910

■ 38.7211, 43.1057,
21.4662

■ 40.2317, 44.3148,
27.5561

■ 41.9708, 45.6236,
34.8236

■ 43.9495, 47.0367,
43.3270

■ 46.1782, 48.5582,
53.1209

Harmonies

Analogous

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



45.3092, 38.3666, 7.5644



34.1278, 38.3666, 6.2229



25.4570, 38.3666, 9.9739

Triad

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



34.1278, 38.3666, 6.2229



22.2488, 38.3666, 88.0718



58.9611, 38.3666, 69.9794

Complementary

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



34.1278, 38.3666, 6.2229



9.6567, 4.9034, 46.3361

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.



50.2646, 38.3666, 109.6989



34.1278, 38.3666, 6.2229



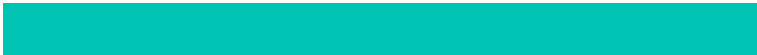
28.8560, 38.3666, 123.2517

Square

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



34.1278, 38.3666, 6.2229



19.5266, 38.3666, 49.0012



38.9093, 38.3666, 132.6706



61.1359, 38.3666, 35.2961

Rectangle

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



34.1278, 38.3666, 6.2229



21.7662, 38.3666, 16.9144



38.9093, 38.3666, 132.6706



56.6306, 38.3666, 83.6048

Sweetspot

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



34.1287, 38.3684, 6.2237



72.7292, 79.8869, 52.1341



20.5965, 10.9227, 2.8885



15.4655, 17.0571, 10.3601



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.



34.1287, 38.3684, 6.2237



60.1743, 67.1546, 9.7906



25.4037, 38.8365, 6.7739



9.6695, 10.3420, 9.5935



22.9467, 25.6697, 3.7453



0.8317, 0.9505, 0.1396

Inverse Universe

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



9.6567, 4.9034, 46.3361



16.0215, 6.9493, 82.7015



12.5256, 5.7915, 46.3563



8.5931, 8.8635, 11.3374



6.1469, 2.7535, 31.4606



0.2414, 0.1464, 1.1173

Previews

White Background



This preview shows how the XYZ color 34.1278, 38.3666, 6.2229 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 34.1278, 38.3666, 6.2229 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 34.1278, 38.3666, 6.2229

Background



This preview shows how black text looks on a background with the XYZ color 34.1278, 38.3666, 6.2229.



This preview shows how white text looks on a background with the XYZ color 34.1278, 38.3666,

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

34.1278, 38.3666, 6.2229

Protanopia

34.6753, 38.3758, 6.1958

Deuteranopia

39.0148, 38.2392, 6.4232



Tritanopia

41.4620, 38.2062, 42.2350

Trichromacy



Original Color

34.1278, 38.3666, 6.2229

Protanomaly

34.4298, 38.2492, 6.1843

Deuteranomaly

37.1832, 38.3284, 6.3580

Tritanomaly

37.0939, 37.4329, 21.1898

Monochromacy



Original Color

34.1278, 38.3666, 6.2229

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1087, 34.3977, 18.6355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1278, 38.3666, 6.2229 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(185, 168, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 168, 19)  
}
```

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(185, 168, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 168, 19) }
```

Border

The CSS property to change the border of an element to XYZ 34.1278, 38.3666, 6.2229 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(185, 168, 19) }
```


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

```
.border{ border-color:rgb(185, 168, 19) }
```

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

Here you see how a box with a 4 pixel rgb(185, 168, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 168, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 168, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 168,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1278, 38.3666, 6.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 168, 19) }
```

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

```
.background{ background-color: rgb(185,  
168, 19) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor