

Converting Colors

XYZ(32.2307, 38.6982, 6.5752)

Have a look what the booklet for
XYZ(32.2307, 38.6982, 6.5752)
contains.

| | |
|--|----|
| XYZ(32.3318, 38.8332, 6.6021) | 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(32.3318, 38.8332,
6.6021)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ADAD17 |
| RGB | 173, 173, 23 |
| RGB Percent | 68%, 68%, 9% |
| CMY | 0.3216, 0.3216, 0.9098 |
| CMYK | 0.00, 0.00, 0.87, 0.32 |
| HSL | 60°, 77%, 38% |
| HSV | 60°, 87%, 68% |
| XYZ | 32.3318, 38.8332, 6.6021 |
| YIQ | 155.9000, 48.1500, -46.6500 |

Conversions

Conversions Part 2

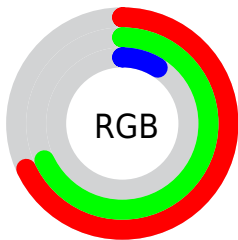
| Format | Color |
|-------------------------------------|--|
| RYB | 23, 173, 23 |
| Decimal | 11382039 |
| CIELab | 68.63, -15.75, 67.34 |
| CIELCh | 69, 69.160, 103.166 |
| Yxy | 38.8332, 0.4158, 0.4994 |
| Android (android.graphics.Color) | 4289572119 (0xFFADAD17) |
| YUV | 155.9000, -65.5197, 14.9967 |
| Hunter-Lab | 62.3163, -16.4417, 37.3399 |

Details

The XYZ color **32.3318, 38.8332, 6.6021** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.2035, 3.8128, 39.8411**, and the grayscale version is **31.8246, 33.4820, 36.4619**.

A 20% lighter version of the original color is **62.7018, 73.3145, 19.6505**, and **14.0398, 17.3877, 2.6162** is the 20% darker color. If you saturate the color by 10%, you get **32.2091, 38.7856, 5.9527**, and if you desaturate by 10%, it is **32.5664, 38.9285, 7.8327**.

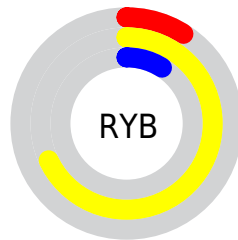
Distribution



Red (68%)

Green (68%)

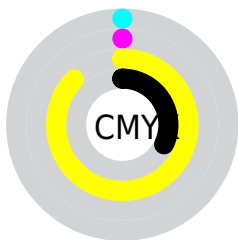
Blue (9%)



Red (9%)

Yellow (68%)

Blue (9%)

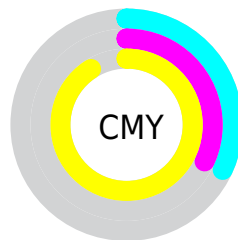


Cyan (0%)

Magenta (0%)

Yellow (87%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3318, 38.8332, 6.6021 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 32.3318, 38.8332, 6.6021 by changing the saturation by 10% instead.


 32.3318, 38.8332,
6.6021


 32.3318, 38.8332,
6.6021


304.3464,
341.1808, 173.8188


 21.7718, 26.6300,
3.1399


 62.6926, 73.3834,
19.6672

 13.8050, 17.2955,
1.1665


 83.2241, 96.4993,
30.1072

 8.0660, 10.4454,
0.0000


 107.8102,
124.0214, 43.7101

 4.1893, 5.6953,
0.0000

 136.8162,
156.3343, 60.8946

 1.8098, 2.6607,
0.0000

 170.6074,
193.8222, 82.0792

 0.5236, 0.9573,
0.0000

 209.5493,

 0.0000, 0.0000,

236.8697, 107.6824

0.0000

254.0072,
285.8611, 138.1227

■ 32.3318, 38.8332,
6.6021

■ 32.3318, 38.8332,
6.6021

■ 32.2091, 38.7856,
5.9527

■ 32.5664, 38.9285,
7.8327

■ 32.1778, 38.7730,
5.7880

■ 32.9320, 39.0748,
9.7577

■ 33.4453, 39.2801,
12.4597

■ 34.1195, 39.5498,
16.0093

■ 34.9665, 39.8886,
20.4692

■ 35.9973, 40.3009,
25.8961

■ 37.2215, 40.7907,
32.3423

■ 38.6485, 41.3615,
39.8561

■ 40.2869, 42.0168,
48.4828

Harmonies

Analogous

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



43.3295, 38.8332, 6.8952



32.3318, 38.8332, 6.6021



24.3304, 38.8332, 11.8435

Triad

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



32.3318, 38.8332, 6.6021



23.6176, 38.8332, 98.1912



60.8701, 38.8332, 62.1942

Complementary

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



32.3318, 38.8332, 6.6021



8.2035, 3.8128, 39.8411

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.



53.2146, 38.8332, 103.0422



32.3318, 38.8332, 6.6021



31.1577, 38.8332, 129.8833

Square

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



32.3318, 38.8332, 6.6021



20.0098, 38.8332, 57.5081



41.9007, 38.8332, 132.0000



61.3569, 38.8332, 30.0140

Rectangle

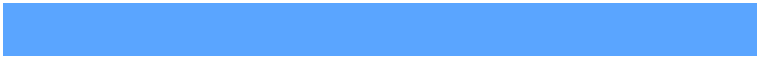
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.3318, 38.8332, 6.6021



21.1677, 38.8332, 20.5352



41.9007, 38.8332, 132.0000



58.9900, 38.8332, 75.6441

Sweetspot

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



32.3327, 38.8350, 6.6029



64.5153, 72.1928, 46.6376



17.6959, 9.5598, 1.7237



13.8780, 15.6321, 9.3846



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.3327, 38.8350, 6.6029



57.6255, 69.4366, 10.3654



20.1370, 32.5479, 6.0321



8.6627, 9.3302, 8.5577



23.6380, 28.4829, 4.2519



0.6576, 0.7924, 0.1183

Inverse Universe

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



8.2035, 3.8128, 39.8411



13.5090, 5.4036, 71.1368



12.8876, 6.2275, 40.0603



7.5790, 7.7572, 10.0505



5.5414, 2.2166, 29.1803



0.1542, 0.0617, 0.8118

Previews

White Background



This preview shows how the XYZ color 32.3318, 38.8332, 6.6021 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 32.3318, 38.8332, 6.6021 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 32.3318, 38.8332, 6.6021

Background



This preview shows how black text looks on a background with the XYZ color 32.3318, 38.8332, 6.6021.



This preview shows how white text looks on a background with the XYZ color 32.3318, 38.8332,

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

32.3318, 38.8332, 6.6021

Protanopia

35.1243, 38.8782, 6.3625

Deuteranopia

39.5508, 38.7607, 6.9104



Tritanopia

40.1520, 38.7361, 45.4050

Trichromacy



Original Color

32.3318, 38.8332, 6.6021

Protanomaly

34.0480, 38.8747, 6.4681

Deuteranomaly

36.5358, 38.5150, 6.7368

Tritanomaly

35.6073, 37.9455, 22.9003

Monochromacy



Original Color

32.3318, 38.8332, 6.6021

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.5274, 34.6048, 19.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3318, 38.8332, 6.6021 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(173, 173, 23)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 23)  
}
```

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(173, 173, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 23) }
```

Border

The CSS property to change the border of an element to XYZ 32.3318, 38.8332, 6.6021 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(173, 173, 23) }
```


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

```
.border{ border-color:rgb(173, 173, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 23);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3318, 38.8332, 6.6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 23) }
```

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

```
.background{ background-color: rgb(173,  
173, 23) }
```

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