

Converting Colors

XYZ(30.3669, 38.9822, 6.3152)

Have a look what the booklet for
XYZ(30.3669, 38.9822, 6.3152)
contains.

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Color

**XYZ(30.2920, 38.9469,
6.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B10D
RGB	160, 177, 13
RGB Percent	63%, 69%, 5%
CMY	0.3726, 0.3059, 0.9490
CMYK	0.10, 0.00, 0.93, 0.31
HSL	66°, 86%, 37%
HSV	66°, 93%, 69%
XYZ	30.2920, 38.9469, 6.3017
YIQ	153.2210, 42.5120, -54.6080

Conversions

Conversions Part 2

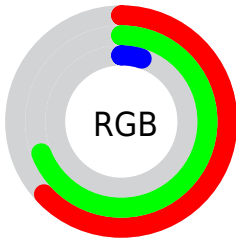
Format	Color
RYB	13, 177, 30
Decimal	10531085
CIELab	68.71, -23.61, 68.69
CIELCh	69, 72.638, 108.966
Yxy	38.9469, 0.4010, 0.5156
Android (android.graphics.Color)	4288721165 (0xFFA0B10D)
YUV	153.2210, -69.1290, 5.9452
Hunter-Lab	62.4075, -22.5708, 37.6983

Details

The XYZ color **30.2920, 38.9469, 6.3017** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.6164, 3.7390, 41.8649**, and the grayscale version is **30.6552, 32.2516, 35.1220**.

A 20% lighter version of the original color is **59.5753, 73.7924, 19.0861**, and **13.0425, 17.6103, 2.7117** is the 20% darker color. If you saturate the color by 10%, you get **29.9518, 38.7813, 5.9069**, and if you desaturate by 10%, it is **30.8334, 39.2076, 7.2195**.

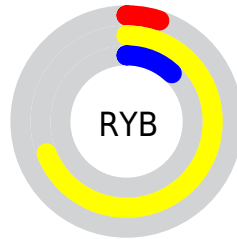
Distribution



Red (63%)

Green (69%)

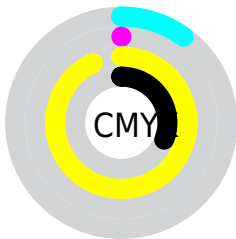
Blue (5%)



Red (5%)

Yellow (69%)

Blue (12%)

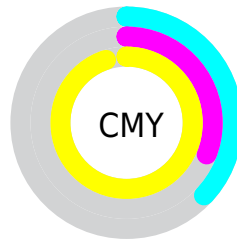


Cyan (10%)

Magenta (0%)

Yellow (93%)

Black (31%)



Cyan (37%)


Magenta (31%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2920, 38.9469, 6.3017 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 30.2920, 38.9469, 6.3017 by changing the saturation by 10% instead.


 30.2920, 38.9469,
6.3017


 30.2920, 38.9469,
6.3017


295.1486,
341.6647, 171.1328

 20.2095, 26.7184,
2.9576


 59.5071, 73.5572,
19.0423


 12.6566, 17.3619,
1.0730


 79.3704, 96.7078,
29.2760

 7.2679, 10.4928,
0.0000


 103.2248,
124.2679, 42.6433

 3.6780, 5.7269,
0.0000

 131.4354,
156.6219, 59.5627

 1.5216, 2.6798,
0.0000

 164.3678,
194.1542, 80.4528

 0.3405, 0.9669,
0.0000

 202.3872,

 0.0000, 0.0000,

237.2491, 105.7322

0.0000

245.8590,
286.2912, 135.8194

■ 30.2920, 38.9469,
6.3017

■ 30.2920, 38.9469,
6.3017

■ 29.9518, 38.7813,
5.9069

■ 30.8334, 39.2076,
7.2195

■ 31.5071, 39.5204,
8.8091

■ 32.3323, 39.8945,
11.1685

■ 33.3246, 40.3360,
14.3791

■ 34.4975, 40.8504,
18.5118

■ 35.8631, 41.4425,
23.6303

■ 37.4324, 42.1167,
29.7924

■ 39.2156, 42.8771,
37.0517

■ 41.2221, 43.7275,
45.4580

Harmonies

Analogous

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



41.4090, 38.9469, 5.6873



30.2920, 38.9469, 6.3017



22.7290, 38.9469, 12.9554

Triad

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



30.2920, 38.9469, 6.3017



24.3261, 38.9469, 110.2750



63.2107, 38.9469, 55.7048

Complementary

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



30.2920, 38.9469, 6.3017



8.6164, 3.7390, 41.8649

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.



56.3080, 38.9469, 98.9810



30.2920, 38.9469, 6.3017



32.9486, 38.9469, 139.7519

Square

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



30.2920, 38.9469, 6.3017



19.8093, 38.9469, 66.4726



44.6722, 38.9469, 134.7952



62.0875, 38.9469, 24.9880

Rectangle

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



30.2920, 38.9469, 6.3017



19.9896, 38.9469, 23.5102



44.6722, 38.9469, 134.7952



61.7033, 38.9469, 69.4100

Sweetspot

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



30.2929, 38.9487, 6.3025



65.3524, 74.7031, 46.6867



18.6548, 10.2759, 1.3815



13.9160, 16.0830, 9.1602



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.2929, 38.9487, 6.3025



53.5288, 69.3949, 10.5733



18.9879, 33.1208, 5.7734



9.1085, 9.8610, 9.0758



21.7299, 28.1122, 4.2809



0.7085, 0.8973, 0.1359

Inverse Universe

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



8.6164, 3.7390, 41.8649



14.5847, 5.8768, 74.8609



14.6874, 6.8688, 42.1490



8.1211, 8.2709, 10.6748



5.9612, 2.4089, 30.2878



0.2140, 0.0894, 0.9542

Previews

White Background



This preview shows how the XYZ color 30.2920, 38.9469, 6.3017 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 30.2920, 38.9469, 6.3017 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 30.2920, 38.9469, 6.3017

Background



This preview shows how black text looks on a background with the XYZ color 30.2920, 38.9469, 6.3017.



This preview shows how white text looks on a background with the XYZ color 30.2920, 38.9469,

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

30.2920, 38.9469, 6.3017

Protanopia

35.0218, 38.8372, 5.8228

Deuteranopia

39.5228, 38.7494, 6.7628



Tritanopia

38.7246, 39.0089, 47.6079

Trichromacy



Original Color

30.2920, 38.9469, 6.3017

Protanomaly

32.9723, 38.6105, 5.9732

Deuteranomaly

35.5499, 38.5491, 6.4867

Tritanomaly

33.6064, 38.0088, 22.7047

Monochromacy



Original Color

30.2920, 38.9469, 6.3017

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.0289, 33.8679, 17.5775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2920, 38.9469, 6.3017 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(160, 177, 13)` looks like.

```
.text, #text, p{  
    color:rgb(160, 177, 13)  
}
```

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(160, 177, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 177, 13) }
```

Border

The CSS property to change the border of an element to XYZ 30.2920, 38.9469, 6.3017 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(160, 177, 13) }
```


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

```
.border{ border-color:rgb(160, 177, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 177, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 177, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 177, 13);  
box-shadow:4px 4px 4px 4px rgb(160, 177,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2920, 38.9469, 6.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 177, 13) }
```

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

```
.background{ background-color: rgb(160,  
177, 13) }
```

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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