

Converting Colors

XYZ(32.1277, 36.5538, 5.7038)

Have a look what the booklet for
XYZ(32.1277, 36.5538, 5.7038)
contains.

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Color

**XYZ(32.1119, 36.5205,
5.7045)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A50C
RGB	179, 165, 12
RGB Percent	70%, 65%, 5%
CMY	0.2980, 0.3529, 0.9529
CMYK	0.00, 0.08, 0.93, 0.30
HSL	55°, 87%, 37%
HSV	55°, 93%, 70%
XYZ	32.1119, 36.5205, 5.7045
YIQ	151.7440, 57.4570, -44.6150

Conversions

Conversions Part 2

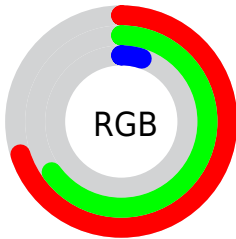
Format	Color
R _Y B	27, 179, 12
Decimal	11773196
CIE Lab	66.92, -9.15, 68.12
CIE LCh	67, 68.734, 97.654
Yxy	36.5205, 0.4320, 0.4913
Android (android.graphics.Color)	4289963276 (0xFFB3A50C)
YUV	151.7440, -68.8938, 23.9035
Hunter-Lab	60.4322, -10.9067, 36.7059

Details

The XYZ color **32.1119, 36.5205, 5.7045** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.6580, 4.0721, 42.9772**, and the grayscale version is **30.0063, 31.5690, 34.3786**.

A 20% lighter version of the original color is **62.3011, 69.9427, 17.8061**, and **14.0434, 16.1722, 2.3814** is the 20% darker color. If you saturate the color by 10%, you get **31.8654, 36.1339, 5.2950**, and if you desaturate by 10%, it is **32.5517, 37.1333, 6.6743**.

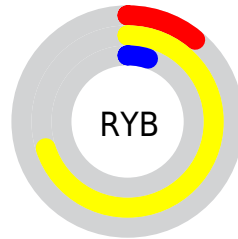
Distribution



Red (70%)

Green (65%)

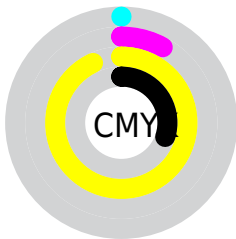
Blue (5%)



Red (11%)

Yellow (70%)

Blue (5%)

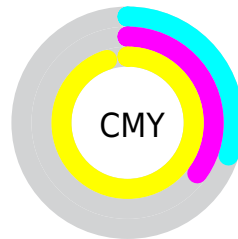


Cyan (0%)

Magenta (8%)

Yellow (93%)

Black (30%)



Cyan (30%)


Magenta (35%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1119, 36.5205, 5.7045 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 32.1119, 36.5205, 5.7045 by changing the saturation by 10% instead.


 32.1119, 36.5205,
5.7045


 32.1119, 36.5205,
5.7045


303.3649,
331.2299, 165.6176


 21.6029, 24.8365,
2.6004


 62.3505, 69.8347,
17.7814

 13.6804, 15.9553,
0.8926

 82.8108, 92.2336,
27.5912

 7.9789, 9.4925,
0.0000


 107.3190,
118.9730, 40.4733

 4.1332, 5.0638,
0.0000

 136.2404,
150.4372, 56.8463

 1.7777, 2.2847,
0.0000

 169.9403,
187.0105, 77.1287

 0.5042, 0.7656,
0.0000

 208.7841,

 0.0000, 0.0000,

229.0775, 101.7390

0.0000

253.1372,
277.0225, 131.0958

■ 32.1119, 36.5205,
5.7045

■ 32.1119, 36.5205,
5.7045

■ 31.8654, 36.1339,
5.2950

■ 32.5517, 37.1333,
6.6743

■ 33.1235, 37.8027,
8.3270

■ 33.8474, 38.5379,
10.7647

■ 34.7393, 39.3455,
14.0718

■ 35.8134, 40.2312,
18.3220

■ 37.0821, 41.1998,
23.5810

■ 38.5567, 42.2560,
29.9089

■ 40.2479, 43.4040,
37.3607

■ 42.1653, 44.6477,
45.9880

Harmonies

Analogous

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



42.8961, 36.5205, 6.8093



32.1119, 36.5205, 5.7045



23.8583, 36.5205, 9.4472

Triad

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



32.1119, 36.5205, 5.7045



21.1476, 36.5205, 86.1020



56.7250, 36.5205, 65.8001

Complementary

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



32.1119, 36.5205, 5.7045



8.6580, 4.0721, 42.9772

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.



48.4397, 36.5205, 104.6524



32.1119, 36.5205, 5.7045



27.6406, 36.5205, 119.9007

Square

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



32.1119, 36.5205, 5.7045



18.4059, 36.5205, 47.9038



37.4480, 36.5205, 127.9993



58.5839, 36.5205, 32.6039

Rectangle

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



32.1119, 36.5205, 5.7045



20.3923, 36.5205, 16.2946



37.4480, 36.5205, 127.9993



54.5291, 36.5205, 79.0224

Sweetspot

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



32.1127, 36.5222, 5.7052



67.6381, 74.6792, 47.4457



18.9401, 9.9342, 2.0630



14.7434, 16.3695, 9.4814



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.1127, 36.5222, 5.7052



56.9894, 64.5530, 9.4563



22.8946, 35.7247, 6.0372



9.1349, 9.7824, 9.0593



22.5409, 25.5804, 3.7495



0.7270, 0.8404, 0.1239

Inverse Universe

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



8.6580, 4.0721, 42.9772



14.8131, 6.3101, 76.8184



11.4767, 5.1720, 43.0409



8.0973, 8.3408, 10.6895



5.8914, 2.5832, 30.3251



0.2041, 0.1188, 0.9604

Previews

White Background



This preview shows how the XYZ color 32.1119, 36.5205, 5.7045 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 32.1119, 36.5205, 5.7045 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 32.1119, 36.5205, 5.7045

Background



This preview shows how black text looks on a background with the XYZ color 32.1119, 36.5205, 5.7045.



This preview shows how white text looks on a background with the XYZ color 32.1119, 36.5205,

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

32.1119, 36.5205, 5.7045

Protanopia

32.9248, 36.4089, 5.6089

Deuteranopia

37.1847, 36.3032, 5.9671



Tritanopia

39.1690, 36.3179, 40.5429

Trichromacy



Original Color

32.1119, 36.5205, 5.7045

Protanomaly

32.6273, 36.5202, 5.6461

Deuteranomaly

35.1181, 36.2400, 5.8059

Tritanomaly

34.8249, 35.5324, 19.4910

Monochromacy



Original Color

32.1119, 36.5205, 5.7045

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3062, 32.7349, 17.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1119, 36.5205, 5.7045 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(179, 165, 12)` looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 12)  
}
```

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(179, 165, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 12) }
```

Border

The CSS property to change the border of an element to XYZ 32.1119, 36.5205, 5.7045 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(179, 165, 12) }
```


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

```
.border{ border-color:rgb(179, 165, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 165, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 12);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1119, 36.5205, 5.7045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 12) }
```

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

```
.background{ background-color: rgb(179,  
165, 12) }
```

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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