

Converting Colors

XYZ(33.1269, 35.9576, 11.7142)

Have a look what the booklet for
XYZ(33.1269, 35.9576, 11.7142)
contains.

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Color

**XYZ(33.0370, 35.8079,
11.6489)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A14A
RGB	181, 161, 74
RGB Percent	71%, 63%, 29%
CMY	0.2902, 0.3686, 0.7098
CMYK	0.00, 0.11, 0.59, 0.29
HSL	49°, 42%, 50%
HSV	49°, 59%, 71%
XYZ	33.0370, 35.8079, 11.6489
YIQ	157.0620, 39.8470, -22.8170

Conversions

Conversions Part 2

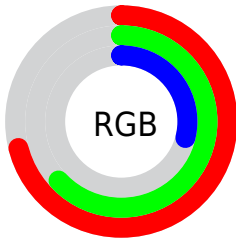
Format	Color
RYB	99, 181, 74
Decimal	11903306
CIELab	66.37, -3.50, 47.08
CIELCh	66, 47.207, 94.255
Yxy	35.8079, 0.4104, 0.4449
Android (android.graphics.Color)	4290093386 (0xFFB5A14A)
YUV	157.0620, -40.9496, 20.9936
Hunter-Lab	59.8397, -6.1711, 30.3459

Details

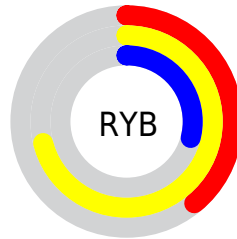
The XYZ color **33.0370, 35.8079, 11.6489** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.1672, 12.7971, 45.3867**, and the grayscale version is **32.2425, 33.9216, 36.9406**.

A 20% lighter version of the original color is **63.9184, 68.9688, 29.6821**, and **14.1782, 15.5698, 3.0170** is the 20% darker color. If you saturate the color by 10%, you get **31.9300, 34.4334, 8.6923**, and if you desaturate by 10%, it is **34.3371, 37.2880, 15.5362**.

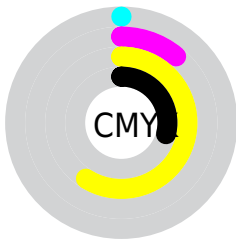
Distribution



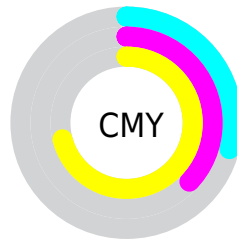
- Red (71%)
- Green (63%)
- Blue (29%)



- Red (39%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (11%)
- Yellow (59%)
- Black (29%)





- Cyan (29%)
- Magenta (37%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0370, 35.8079, 11.6489 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 33.0370, 35.8079, 11.6489 by changing the saturation by 10% instead.


 33.0370, 35.8079,
11.6489


 33.0370, 35.8079,
11.6489


307.4785,
328.1201, 212.9616

 22.3142, 24.2859,
6.3855


 63.7876, 68.7355,
29.5088


 14.2058, 15.5458,
3.0083


 84.5460, 90.9098,
42.9423


 8.3466, 9.2033,
1.0989


 109.3804,
117.4037, 59.9363

 4.3712, 4.8741,
0.0000

 138.6561,
148.6015, 80.9092

 1.9142, 2.1736,
0.0000

 172.7383,
184.8876, 106.2797

 0.5851, 0.7055,
0.0000

211.9926,

 0.0000, 0.0000,

226.6465, 136.4662

0.0000

256.7842,
274.2626, 171.8873

■ 33.0370, 35.8079,
11.6489

■ 33.0370, 35.8079,
11.6489

■ 31.9300, 34.4334,
8.6923

■ 34.3371, 37.2880,
15.5362

■ 30.9979, 33.1529,
6.5824

■ 35.8417, 38.8742,
20.4241

■ 30.2234, 31.9606,
5.2241

■ 37.5639, 40.5735,
26.3782

■ 29.5726, 30.8427,
4.4406

■ 39.5152, 42.3907,
33.4580

■ 29.5171, 30.7458,
4.3788

■ 41.7062, 44.3300,
41.7186

■ 44.1467, 46.3957,
51.2115

■ 46.8461, 48.5917,
61.9849

■ 49.8131, 50.9217,
74.0848

■ 53.0562, 53.3892,
87.5546

Harmonies

Analogous

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



40.2781, 35.8079, 13.4075



33.0370, 35.8079, 11.6489



26.9506, 35.8079, 14.8739

Triad

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



33.0370, 35.8079, 11.6489



24.0016, 35.8079, 65.2226



47.7851, 35.8079, 58.4320

Complementary

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



33.0370, 35.8079, 11.6489



15.1672, 12.7971, 45.3867

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.



42.2618, 35.8079, 80.7610



33.0370, 35.8079, 11.6489



28.4716, 35.8079, 85.5397

Square

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



33.0370, 35.8079, 11.6489



22.2120, 35.8079, 41.9451



35.0515, 35.8079, 92.0326



49.4467, 35.8079, 36.1746

Rectangle

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



33.0370, 35.8079, 11.6489



24.1624, 35.8079, 20.4012



35.0515, 35.8079, 92.0326



46.2842, 35.8079, 66.3966

Sweetspot

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



33.0378, 35.8096, 11.6496



71.0742, 76.1954, 61.0467



23.5888, 15.5552, 12.6817



15.1332, 16.2606, 12.3506



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.



33.0378, 35.8096, 11.6496



56.6413, 60.9476, 14.2530



30.1363, 39.9224, 12.5964



9.0594, 9.6313, 9.0341



20.3958, 21.2901, 3.0344



0.6767, 0.7397, 0.1071

Inverse Universe

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



15.1672, 12.7971, 45.3867



21.8010, 16.1594, 80.2647



16.7453, 11.3044, 45.0154



8.1662, 8.4786, 10.7125



6.1792, 3.1588, 30.4210



0.2326, 0.1758, 0.9699

Previews

White Background



This preview shows how the XYZ color 33.0370, 35.8079, 11.6489 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 33.0370, 35.8079, 11.6489 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 33.0370, 35.8079, 11.6489

Background



This preview shows how black text looks on a background with the XYZ color 33.0370, 35.8079, 11.6489.



This preview shows how white text looks on a background with the XYZ color 33.0370, 35.8079,

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

33.0370, 35.8079, 11.6489

Protanopia

32.7468, 35.9188, 11.6856

Deuteranopia

36.4133, 35.7751, 11.8236



Tritanopia

38.6637, 35.5964, 39.4833

Trichromacy



Original Color

33.0370, 35.8079, 11.6489

Protanomaly

32.9788, 36.0384, 11.6965

Deuteranomaly

35.0652, 35.8284, 11.7240

Tritanomaly

36.0678, 35.5205, 26.4279

Monochromacy



Original Color

33.0370, 35.8079, 11.6489

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7835, 34.0930, 24.9841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0370, 35.8079, 11.6489 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(181, 161, 74)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 74)  
}
```

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(181, 161, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 74) }
```

Border

The CSS property to change the border of an element to XYZ 33.0370, 35.8079, 11.6489 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(181, 161, 74) }
```


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

```
.border{ border-color:rgb(181, 161, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 74);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0370, 35.8079, 11.6489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 74) }
```

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

```
.background{ background-color: rgb(181,  
161, 74) }
```

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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