

Converting Colors

XYZ(33.0165, 35.9376, 5.3114)

Have a look what the booklet for
XYZ(33.0165, 35.9376, 5.3114)
contains.

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Color

**XYZ(33.0165, 35.9376,
5.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA104
RGB	186, 161, 4
RGB Percent	73%, 63%, 2%
CMY	0.2706, 0.3686, 0.9843
CMYK	0.00, 0.13, 0.98, 0.27
HSL	52°, 96%, 37%
HSV	52°, 98%, 73%
XYZ	33.0165, 35.9376, 5.3114
YIQ	150.5770, 65.2970, -43.5270

Conversions

Conversions Part 2

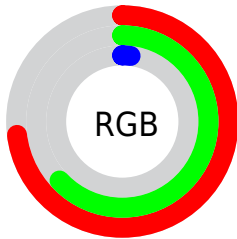
Format	Color
RYB	33, 186, 4
Decimal	12230916
CIELab	66.47, -4.00, 69.12
CIELCh	66, 69.233, 93.315
Yxy	35.9376, 0.4446, 0.4839
Android (android.graphics.Color)	4290420996 (0xFFBAA104)
YUV	150.5770, -72.2625, 31.0660
Hunter-Lab	59.9480, -6.5996, 36.7105

Details

The XYZ color **33.0165, 35.9376, 5.3114** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **9.3528, 4.4503, 46.8201**, and the grayscale version is **29.5155, 31.0526, 33.8162**.

A 20% lighter version of the original color is **63.6460, 68.7295, 16.9328**, and **14.4780, 15.7411, 2.2753** is the 20% darker color. If you saturate the color by 10%, you get **32.8991, 35.7382, 5.1642**, and if you desaturate by 10%, it is **33.5972, 36.8929, 6.1409**.

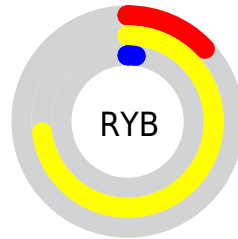
Distribution



Red (73%)

Green (63%)

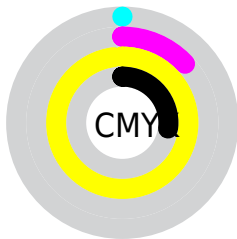
Blue (2%)



Red (13%)

Yellow (73%)

Blue (2%)

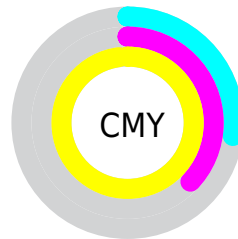


Cyan (0%)

Magenta (13%)

Yellow (98%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0165, 35.9376, 5.3114 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 33.0165, 35.9376, 5.3114 by changing the saturation by 10% instead.

■ 33.0165, 35.9376,
5.3114

■ 33.0165, 35.9376,
5.3114

307.3877,
328.6877, 161.8445

■ 22.2984, 24.3860,
2.3692

■ 63.7558, 68.9357,
16.9363

■ 14.1941, 15.6202,
0.7696

■ 84.5077, 91.1511,
26.4560

■ 8.3384, 9.2558,
0.0000

■ 109.3349,
117.6898, 39.0053

■ 4.3659, 4.9084,
0.0000

■ 138.6027,
148.9363, 55.0027

■ 1.9111, 2.1936,
0.0000

■ 172.6766,
185.2749, 74.8668

■ 0.5833, 0.7165,
0.0000

■ 211.9218,

■ 0.0000, 0.0000,

227.0901, 99.0161

0.0000

256.7037,
274.7662, 127.8692

33.0165, 35.9376,
5.3114

33.0165, 35.9376,
5.3114

32.8991, 35.7382,
5.1642

33.5972, 36.8929,
6.1409

34.3106, 37.9146,
7.6275

35.1867, 39.0162,
9.9258

36.2448, 40.2054,
13.1362

37.5012, 41.4888,
17.3447

■ 38.9703, 42.8723,
22.6273

■ 40.6652, 44.3613,
29.0525

■ 42.5979, 45.9605,
36.6833

■ 44.7797, 47.6747,
45.5780

Harmonies

Analogous

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



43.9268, 35.9376, 7.0564



33.0165, 35.9376, 5.3114



24.3270, 35.9376, 8.1648

Triad

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



33.0165, 35.9376, 5.3114



20.0472, 35.9376, 79.6657



55.2720, 35.9376, 70.8191

Complementary

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



33.0165, 35.9376, 5.3114



9.3528, 4.4503, 46.8201

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.



46.3333, 35.9376, 108.9623



33.0165, 35.9376, 5.3114



25.9562, 35.9376, 115.6359

Square

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



33.0165, 35.9376, 5.3114



17.8565, 35.9376, 42.5290



35.3247, 35.9376, 128.4195



58.2062, 35.9376, 35.9170

Rectangle

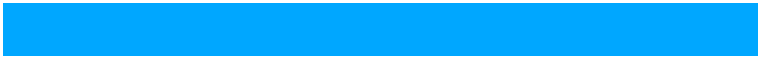
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.0165, 35.9376, 5.3114



20.5227, 35.9376, 13.9533



35.3247, 35.9376, 128.4195



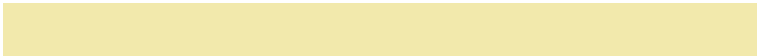
52.7916, 35.9376, 84.1708

Sweetspot

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



33.0173, 35.9393, 5.3121



73.1761, 79.9523, 50.6040



20.5446, 10.6268, 2.2865



15.8196, 17.3497, 10.0195



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.0173, 35.9393, 5.3121



59.4990, 64.5118, 9.3161



25.6501, 39.2862, 6.3464



9.6422, 10.2873, 9.5844



22.1742, 24.1248, 3.4878



0.8110, 0.9090, 0.1327

Inverse Universe

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



9.3528, 4.4503, 46.8201



16.6160, 7.5287, 84.7788



11.2702, 4.8509, 46.7963



8.6180, 8.9131, 11.3456



6.2376, 2.9349, 31.4908



0.2520, 0.1677, 1.1208

Previews

White Background



This preview shows how the XYZ color 33.0165, 35.9376, 5.3114 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 33.0165, 35.9376, 5.3114 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 33.0165, 35.9376, 5.3114

Background



This preview shows how black text looks on a background with the XYZ color 33.0165, 35.9376, 5.3114.

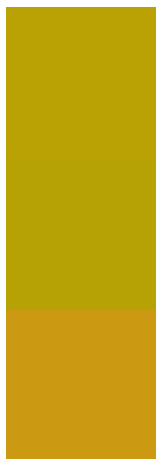


This preview shows how white text looks on a background with the XYZ color 33.0165, 35.9376,

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

33.0165, 35.9376, 5.3114

Protanopia

32.4816, 35.9211, 5.3938

Deuteranopia

36.4106, 35.6669, 5.5814



Tritanopia

39.8450, 35.9880, 38.5645

Trichromacy



Original Color

33.0165, 35.9376, 5.3114

Protanomaly

32.7149, 36.0420, 5.3761

Deuteranomaly

34.9937, 35.6790, 5.4578

Tritanomaly

35.7925, 35.3171, 18.0271

Monochromacy



Original Color

33.0165, 35.9376, 5.3114

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.2358, 32.2170, 16.2329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0165, 35.9376, 5.3114 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(186, 161, 4)` looks like.

```
.text, #text, p{  
    color:rgb(186, 161, 4)  
}
```

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(186, 161, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 161, 4) }
```

Border

The CSS property to change the border of an element to XYZ 33.0165, 35.9376, 5.3114 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(186, 161, 4) }
```


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

```
.border{ border-color:rgb(186, 161, 4) }
```

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

Here you see how a box with a 4 pixel rgb(186, 161, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 161, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 161, 4);  
box-shadow:4px 4px 4px 4px rgb(186, 161,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0165, 35.9376, 5.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 161, 4) }
```

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

```
.background{ background-color: rgb(186,  
161, 4) }
```

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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