

Converting Colors

XYZ(36.3938, 35.3009, 14.4358)

Have a look what the booklet for
XYZ(36.3938, 35.3009, 14.4358)
contains.

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Color

**XYZ(36.3201, 35.1835,
14.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	C69859
RGB	198, 152, 89
RGB Percent	78%, 60%, 35%
CMY	0.2235, 0.4039, 0.6510
CMYK	0.00, 0.23, 0.55, 0.22
HSL	35°, 49%, 56%
HSV	35°, 55%, 78%
XYZ	36.3201, 35.1835, 14.3280
YIQ	158.5720, 47.6390, -9.8410

Conversions

Conversions Part 2

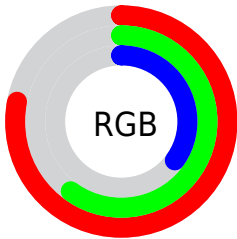
Format	Color
RYB	169, 198, 89
Decimal	13015129
CIELab	65.89, 9.85, 39.46
CIELCh	66, 40.676, 75.982
Yxy	35.1835, 0.4232, 0.4099
Android (android.graphics.Color)	4291205209 (0xFFC69859)
YUV	158.5720, -34.2990, 34.5784
Hunter-Lab	59.3157, 5.4964, 27.1992

Details

The XYZ color **36.3201, 35.1835, 14.3280** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **22.9764, 23.5280, 56.7562**, and the grayscale version is **32.8963, 34.6095, 37.6897**.

A 20% lighter version of the original color is **68.0449, 67.2961, 34.2140**, and **16.0384, 15.1302, 4.1729** is the 20% darker color. If you saturate the color by 10%, you get **34.2894, 32.2786, 10.0863**, and if you desaturate by 10%, it is **38.6716, 38.3723, 19.7805**.

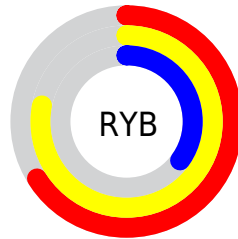
Distribution



Red (78%)

Green (60%)

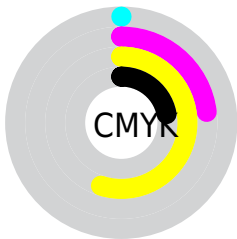
Blue (35%)



Red (66%)

Yellow (78%)

Blue (35%)

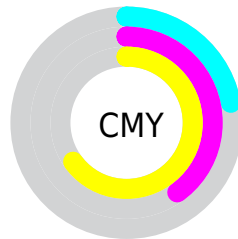


Cyan (0%)

Magenta (23%)

Yellow (55%)

Black (22%)



Cyan (22%)

Magenta (40%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3201, 35.1835, 14.3280 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 36.3201, 35.1835, 14.3280 by changing the saturation by 10% instead.

■ 36.3201, 35.1835,
14.3280

■ 36.3201, 35.1835,
14.3280

321.7644,
325.3775, 230.7608

■ 24.8528, 23.8043,
8.2078

■ 68.8465, 67.7699,
34.3954

■ 16.0955, 15.1885,
4.1385

■ 90.6363, 89.7459,
49.1796

■ 9.6831, 8.9518,
1.7016

■ 116.5976,
116.0230, 67.6889

■ 5.2500, 4.7097,
0.3619

■ 147.0957,
146.9854, 90.3419

■ 2.4309, 2.0780,
0.0000

182.4962,
183.0177, 117.5570

■ 0.8606, 0.6522,
0.0000

223.1642,

■ 0.0000, 0.0000,

224.5043, 149.7529

0.0000

269.4651,
271.8294, 187.3479

■ 36.3201, 35.1835,
14.3280

■ 36.3201, 35.1835,
14.3280

■ 34.2894, 32.2786,
10.0863

■ 38.6716, 38.3723,
19.7805

■ 32.5567, 29.6413,
6.9558

■ 41.3597, 41.8503,
26.5284

■ 31.0995, 27.2607,
4.8245

■ 44.4018, 45.6287,
34.6510

■ 29.8898, 25.1223,
3.5552

■ 47.8134, 49.7167,
44.2206

■ 29.3567, 24.1418,
3.1126

■ 51.6089, 54.1226,
55.3045

■ 55.8018, 58.8548,
67.9656

■ 60.4049, 63.9210,
82.2634

■ 65.4305, 69.3286,
98.2541

■ 68.8627, 74.2739,
105.3146

Harmonies

Analogous

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



42.1347, 35.1835, 19.0915



36.3201, 35.1835, 14.3280



30.3577, 35.1835, 14.4810

Triad

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



36.3201, 35.1835, 14.3280



23.5127, 35.1835, 48.1670



42.4623, 35.1835, 66.2289

Complementary

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



36.3201, 35.1835, 14.3280



22.9764, 23.5280, 56.7562

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.



36.7260, 35.1835, 79.7672



36.3201, 35.1835, 14.3280



26.0336, 35.1835, 67.3914

Square

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



36.3201, 35.1835, 14.3280



23.4318, 35.1835, 30.8355



30.7180, 35.1835, 80.2470



45.9580, 35.1835, 46.9015

Rectangle

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



36.3201, 35.1835, 14.3280



27.0981, 35.1835, 17.2774



30.7180, 35.1835, 80.2470



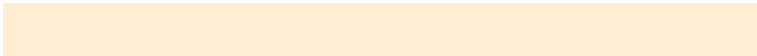
40.7033, 35.1835, 71.8319

Sweetspot

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



36.3209, 35.1852, 14.3287



83.2791, 86.3949, 74.3427



31.3217, 20.9350, 25.7699



17.5563, 18.1718, 15.1526



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.3209, 35.1852, 14.3287



60.0847, 56.2166, 16.6368



43.4160, 52.1511, 17.2295



11.1344, 11.6380, 11.2223



19.1777, 15.8726, 2.0529



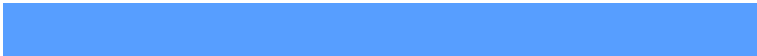
0.9786, 0.8927, 0.1207

Inverse Universe

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



22.9764, 23.5280, 56.7562



34.1314, 33.5896, 99.2923



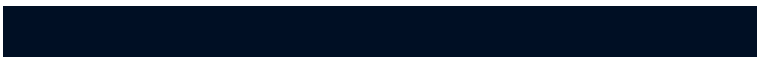
18.6177, 13.7236, 55.0935



10.4184, 11.0108, 13.4937



8.7487, 6.8913, 35.6134



0.4856, 0.4690, 1.7101

Previews

White Background



This preview shows how the XYZ color 36.3201, 35.1835, 14.3280 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 36.3201, 35.1835, 14.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

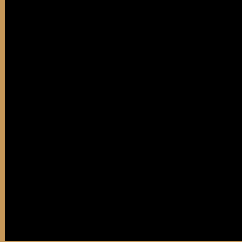
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3201, 35.1835, 14.3280

Background



This preview shows how black text looks on a background with the XYZ color 36.3201, 35.1835, 14.3280.



This preview shows how white text looks on a background with the XYZ color 36.3201, 35.1835,

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

36.3201, 35.1835, 14.3280

Protanopia

32.4071, 35.1444, 15.2007

Deuteranopia

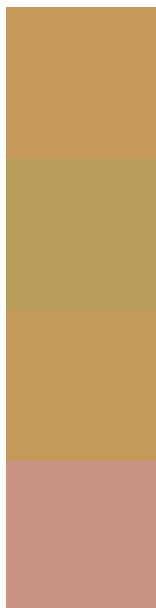
35.9594, 35.2395, 14.3578



Tritanopia

40.7915, 35.1504, 35.6451

Trichromacy



Original Color

36.3201, 35.1835, 14.3280

Protanomaly

33.7125, 35.0596, 14.8879

Deuteranomaly

36.2204, 35.3741, 14.3700

Tritanomaly

38.8876, 35.0627, 26.1909

Monochromacy



Original Color

36.3201, 35.1835, 14.3280

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4251, 34.3824, 27.4290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3201, 35.1835, 14.3280 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(198, 152, 89)` looks like.

```
.text, #text, p{  
    color:rgb(198, 152, 89)  
}
```

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(198, 152, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 152, 89) }
```

Border

The CSS property to change the border of an element to XYZ 36.3201, 35.1835, 14.3280 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(198, 152, 89) }
```


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

```
.border{ border-color:rgb(198, 152, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 152, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 152, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 152, 89);  
box-shadow:4px 4px 4px 4px rgb(198, 152,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3201, 35.1835, 14.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 152, 89) }
```

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

```
.background{ background-color: rgb(198,  
152, 89) }
```

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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