

Converting Colors

XYZ(35.9176, 35.2228, 14.1381)

Have a look what the booklet for
XYZ(35.9176, 35.2228, 14.1381)
contains.

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Color

**XYZ(35.9176, 35.2228,
14.1381)**

Conversions

Conversions Part 1

Format	Color
Hex	C49958
RGB	196, 153, 88
RGB Percent	77%, 60%, 35%
CMY	0.2314, 0.4000, 0.6549
CMYK	0.00, 0.22, 0.55, 0.23
HSL	36°, 48%, 56%
HSV	36°, 55%, 77%
XYZ	35.9176, 35.2228, 14.1381
YIQ	158.4470, 46.4930, -11.0990

Conversions

Conversions Part 2

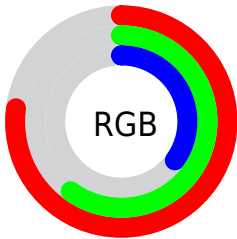
Format	Color
RYB	159, 196, 88
Decimal	12884312
CIELab	65.92, 8.38, 39.97
CIELCh	66, 40.837, 78.164
Yxy	35.2228, 0.4212, 0.4130
Android (android.graphics.Color)	4291074392 (0xFFC49958)
YUV	158.4470, -34.7304, 32.9340
Hunter-Lab	59.3488, 4.1669, 27.4201

Details

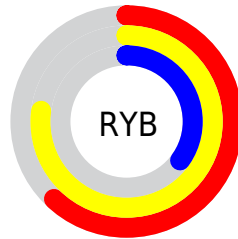
The XYZ color **35.9176, 35.2228, 14.1381** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **22.1042, 22.2918, 55.3620**, and the grayscale version is **32.8415, 34.5518, 37.6269**.

A 20% lighter version of the original color is **68.2130, 67.7497, 33.9079**, and **15.7650, 15.1382, 4.0105** is the 20% darker color. If you saturate the color by 10%, you get **33.9769, 32.4707, 10.0101**, and if you desaturate by 10%, it is **38.1618, 38.2327, 19.4448**.

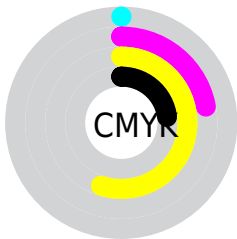
Distribution



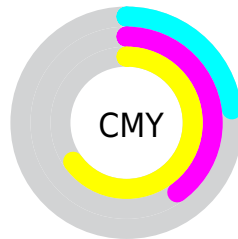
- Red (77%)
- Green (60%)
- Blue (35%)



- Red (62%)
- Yellow (77%)
- Blue (35%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (23%)





- Cyan (23%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9176, 35.2228, 14.1381 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 35.9176, 35.2228, 14.1381 by changing the saturation by 10% instead.


 35.9176, 35.2228,
14.1381


 35.9176, 35.2228,
14.1381


320.0378,
325.5507, 229.5465


 24.5404, 23.8346,
8.0769


 68.2296, 67.8308,
34.0545

 15.8619, 15.2109,
4.0557


 89.8950, 89.8193,
48.7468


 9.5167, 8.9676,
1.6560


 115.7206,
116.1100, 67.1533

 5.1395, 4.7200,
0.3303

 146.0717,
147.0874, 89.6924

 2.3649, 2.0839,
0.0000

 181.3135,
183.1357, 116.7828

 0.8276, 0.6556,
0.0000

221.8116,

 0.0000, 0.0000,

224.6394, 148.8429

0.0000

267.9312,
271.9830, 186.2913

■ 35.9176, 35.2228,
14.1381

■ 35.9176, 35.2228,
14.1381

■ 33.9769, 32.4707,
10.0101

■ 38.1618, 38.2327,
19.4448

■ 32.3176, 29.9609,
6.9636

■ 40.7244, 41.5046,
26.0124

■ 30.9182, 27.6836,
4.8894

■ 43.6223, 45.0492,
33.9184

■ 29.7517, 25.6253,
3.6538

■ 46.8702, 48.8746,
43.2332

■ 29.2399, 24.6859,
3.2237

■ 50.4818, 52.9887,
54.0224

■ 54.4701, 57.3988,
66.3472

■ 58.8474, 62.1120,
80.2655

■ 63.6254, 67.1351,
95.8322

■ 67.2641, 71.8543,
104.9318

Harmonies

Analogous

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



41.8385, 35.2228, 18.5230



35.9176, 35.2228, 14.1381



29.9864, 35.2228, 14.6323

Triad

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



35.9176, 35.2228, 14.1381



23.6102, 35.2228, 49.6841



42.8991, 35.2228, 65.0931

Complementary

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



35.9176, 35.2228, 14.1381



22.1042, 22.2918, 55.3620

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.



37.2311, 35.2228, 79.4367



35.9176, 35.2228, 14.1381



26.3132, 35.2228, 68.8577

Square

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



35.9176, 35.2228, 14.1381



23.3483, 35.2228, 31.9252



31.1519, 35.2228, 80.9909



46.1816, 35.2228, 45.5874

Rectangle

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



35.9176, 35.2228, 14.1381



26.8018, 35.2228, 17.6922



31.1519, 35.2228, 80.9909



41.1804, 35.2228, 70.9018

Sweetspot

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



35.9184, 35.2245, 14.1388



83.5791, 86.9949, 74.4427



30.3651, 20.3596, 23.8735



17.6273, 18.3137, 15.1762



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.



35.9184, 35.2245, 14.1388



60.9311, 57.9094, 16.9189



41.5571, 50.5234, 16.7946



10.5661, 11.0636, 10.6405



18.8740, 16.0338, 2.1001



0.8813, 0.8245, 0.1127

Inverse Universe

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



22.1042, 22.2918, 55.3620



33.4588, 32.2444, 99.0681



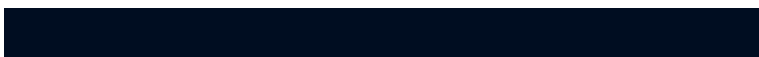
18.5775, 13.6067, 53.8715



9.8500, 10.3913, 12.7714



8.2331, 6.2226, 34.3238



0.4231, 0.4036, 1.5055

Previews

White Background



This preview shows how the XYZ color 35.9176, 35.2228, 14.1381 looks on a white background.

Color Contrast Check

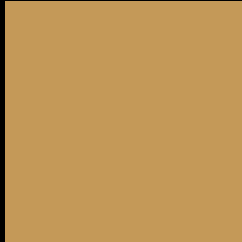
Large Text (above 18pt) WCAG AA × Fail

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 35.9176, 35.2228, 14.1381 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 35.9176, 35.2228, 14.1381

Background



This preview shows how black text looks on a background with the XYZ color 35.9176, 35.2228, 14.1381.



This preview shows how white text looks on a background with the XYZ color 35.9176, 35.2228,

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

35.9176, 35.2228, 14.1381

Protanopia

32.5377, 35.4752, 15.0300

Deuteranopia

35.9176, 35.2228, 14.1381



Tritanopia

40.4833, 35.2077, 36.1145

Trichromacy



Original Color

35.9176, 35.2228, 14.1381

Protanomaly

33.6008, 35.2592, 14.7076

Deuteranomaly

35.9176, 35.2228, 14.1381

Tritanomaly

38.5061, 35.0979, 26.2178

Monochromacy



Original Color

35.9176, 35.2228, 14.1381

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1354, 34.2410, 27.0531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9176, 35.2228, 14.1381 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(196, 153, 88)` looks like.

```
.text, #text, p{  
    color:rgb(196, 153, 88)  
}
```

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(196, 153, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 153, 88) }
```

Border

The CSS property to change the border of an element to XYZ 35.9176, 35.2228, 14.1381 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(196, 153, 88) }
```


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

```
.border{ border-color:rgb(196, 153, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 153, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 153, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 153, 88);  
box-shadow:4px 4px 4px 4px rgb(196, 153,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9176, 35.2228, 14.1381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 153, 88) }
```

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

```
.background{ background-color: rgb(196,  
153, 88) }
```

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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