

Converting Colors

XYZ(36.5210, 33.5382, 8.8236)

Have a look what the booklet for
XYZ(36.5210, 33.5382, 8.8236)
contains.

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Color

**XYZ(36.5210, 33.5382,
8.8236)**

Conversions

Conversions Part 1

Format	Color
Hex	CF903C
RGB	207, 144, 60
RGB Percent	81%, 56%, 24%
CMY	0.1882, 0.4353, 0.7647
CMYK	0.00, 0.30, 0.71, 0.19
HSL	34°, 60%, 52%
HSV	34°, 71%, 81%
XYZ	36.5210, 33.5382, 8.8236
YIQ	153.2610, 64.5120, -12.7680

Conversions

Conversions Part 2

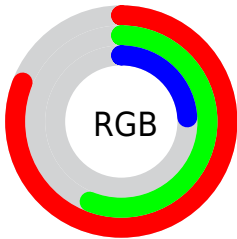
Format	Color
RYB	170, 207, 60
Decimal	13602876
CIELab	64.59, 16.11, 52.41
CIElCh	65, 54.828, 72.912
Yxy	33.5382, 0.4630, 0.4252
Android (android.graphics.Color)	4291792956 (0xFFCF903C)
YUV	153.2610, -45.9777, 47.1291
Hunter-Lab	57.9122, 11.2207, 31.5050

Details

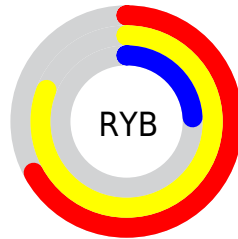
The XYZ color **36.5210, 33.5382, 8.8236** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **20.2085, 19.6306, 61.7550**, and the grayscale version is **30.5674, 32.1593, 35.0214**.

A 20% lighter version of the original color is **64.3587, 62.8180, 24.0623**, and **16.2209, 14.3035, 1.9346** is the 20% darker color. If you saturate the color by 10%, you get **34.7860, 30.7795, 6.0535**, and if you desaturate by 10%, it is **38.5770, 36.5970, 12.7569**.

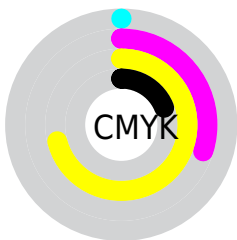
Distribution



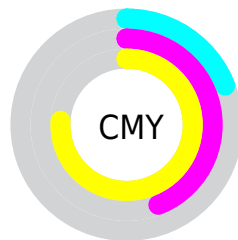
- Red (81%)
- Green (56%)
- Blue (24%)



- Red (67%)
- Yellow (81%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (71%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5210, 33.5382, 8.8236 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 36.5210, 33.5382, 8.8236 by changing the saturation by 10% instead.


 36.5210, 33.5382,
8.8236


 36.5210, 33.5382,
8.8236


322.6237,
318.0680, 192.2258


 25.0088, 22.5391,
4.5311


 69.1541, 65.2149,
24.1302

 16.2124, 14.2535,
1.9210


 91.0057, 86.6612,
35.9813

 9.7664, 8.2972,
0.5060


 117.0345,
112.3587, 51.1891

 5.3054, 4.2857,
0.0000

 147.6058,
142.6918, 70.1719

 2.4641, 1.8346,
0.0000

 183.0851,
178.0449, 93.3485

 0.8772, 0.5086,
0.0000

 223.8376,

 0.0000, 0.0000,

218.8024, 121.1373

0.0000

270.2286,
265.3486, 153.9569

■ 36.5210, 33.5382,
8.8236

■ 36.5210, 33.5382,
8.8236

■ 34.7860, 30.7795,
6.0535

■ 38.5770, 36.5970,
12.7569

■ 33.3409, 28.3004,
4.3037

■ 40.9765, 39.9645,
17.9697

■ 32.2449, 26.2912,
3.3752

■ 43.7420, 43.6546,
24.5663

■ 46.8931, 47.6789,
32.6395

■ 50.4479, 52.0478,
42.2740

■ 54.4234, 56.7714,
53.5481

■ 58.8351, 61.8594,
66.5347

■ 63.6979, 67.3207,
81.3023

■ 69.0260, 73.1640,
97.9158

Harmonies

Analogous

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



44.2585, 33.5382, 14.2847



36.5210, 33.5382, 8.8236



28.6220, 33.5382, 8.5111

Triad

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



36.5210, 33.5382, 8.8236



19.3125, 33.5382, 47.0529



43.2975, 33.5382, 78.2066

Complementary

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



36.5210, 33.5382, 8.8236



20.2085, 19.6306, 61.7550

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.



35.3700, 33.5382, 96.9321



36.5210, 33.5382, 8.8236



22.0512, 33.5382, 74.5637

Square

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



36.5210, 33.5382, 8.8236



19.5171, 33.5382, 25.2314



27.6445, 33.5382, 95.3774



48.5900, 33.5382, 50.7487

Rectangle

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



36.5210, 33.5382, 8.8236



24.3593, 33.5382, 10.9219



27.6445, 33.5382, 95.3774



40.8013, 33.5382, 86.1538

Sweetspot

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



36.5218, 33.5399, 8.8242



80.7069, 83.2407, 67.3496



30.9671, 17.9450, 20.8014



16.9205, 17.3868, 13.4402



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.



36.5218, 33.5399, 8.8242



54.5345, 47.2827, 8.1071



46.2066, 56.8489, 12.8129



12.3615, 12.9137, 12.4531



20.4115, 16.7560, 2.1584



1.2192, 1.0927, 0.1467

Inverse Universe

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



20.2085, 19.6306, 61.7550



26.9930, 23.9057, 97.7993



15.3899, 9.0317, 59.9632



11.5743, 12.2388, 14.9960



9.4212, 7.4889, 38.1415



0.6048, 0.5748, 2.1586

Previews

White Background



This preview shows how the XYZ color 36.5210, 33.5382, 8.8236 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 36.5210, 33.5382, 8.8236 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 36.5210, 33.5382, 8.8236

Background



This preview shows how black text looks on a background with the XYZ color 36.5210, 33.5382, 8.8236.



This preview shows how white text looks on a background with the XYZ color 36.5210, 33.5382,

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

36.5210, 33.5382, 8.8236

Protanopia

30.6616, 33.5981, 9.7195

Deuteranopia

34.2761, 33.5361, 8.6696



Tritanopia

41.2154, 33.5184, 31.0855

Trichromacy



Original Color

36.5210, 33.5382, 8.8236

Protanomaly

32.6190, 33.3801, 9.4264

Deuteranomaly

35.0426, 33.4626, 8.7497

Tritanomaly

38.9897, 33.2407, 20.2807

Monochromacy



Original Color

36.5210, 33.5382, 8.8236

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.4697, 32.0288, 21.9763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5210, 33.5382, 8.8236 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(207, 144, 60)` looks like.

```
.text, #text, p{  
    color:rgb(207, 144, 60)  
}
```

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(207, 144, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 144, 60) }
```

Border

The CSS property to change the border of an element to XYZ 36.5210, 33.5382, 8.8236 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(207, 144, 60) }
```


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

```
.border{ border-color:rgb(207, 144, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 144, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 144, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 144, 60);  
box-shadow:4px 4px 4px 4px rgb(207, 144,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5210, 33.5382, 8.8236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 144, 60) }
```

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

```
.background{ background-color: rgb(207,  
144, 60) }
```

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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