

Converting Colors

XYZ(35.1343, 28.9005, 9.1748)

Have a look what the booklet for
XYZ(35.1343, 28.9005, 9.1748)
contains.

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Color

**XYZ(35.2410, 28.9335,
9.1962)**

Conversions

Conversions Part 1

Format	Color
Hex	D37D44
RGB	211, 125, 68
RGB Percent	83%, 49%, 27%
CMY	0.1726, 0.5098, 0.7333
CMYK	0.00, 0.41, 0.68, 0.17
HSL	24°, 62%, 55%
HSV	24°, 68%, 83%
XYZ	35.2410, 28.9335, 9.1962
YIQ	144.2160, 69.5530, 0.5050

Conversions

Conversions Part 2

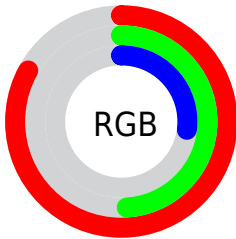
Format	Color
R_{YB}	211, 163, 68
Decimal	13860164
CIE Lab	60.72, 28.50, 44.53
CIE LCh	61, 52.871, 57.380
Yxy	28.9335, 0.4803, 0.3943
Android (android.graphics.Color)	4292050244 (0xFFD37D44)
YUV	144.2160, -37.5745, 58.5696
Hunter-Lab	53.7899, 22.8139, 27.5164

Details

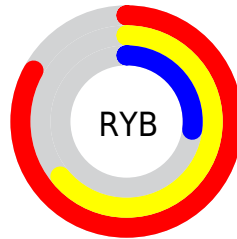
The XYZ color **35.2410, 28.9335, 9.1962** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **25.6966, 29.0417, 65.8789**, and the grayscale version is **26.7243, 28.1160, 30.6184**.

A 20% lighter version of the original color is **60.4304, 54.4088, 24.4565**, and **15.3961, 11.6585, 2.0549** is the 20% darker color. If you saturate the color by 10%, you get **33.2042, 25.7118, 5.8918**, and if you desaturate by 10%, it is **37.7160, 32.6613, 13.7901**.

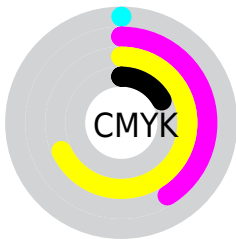
Distribution



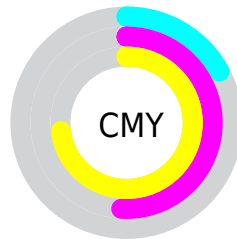
- Red (83%)
- Green (49%)
- Blue (27%)



- Red (83%)
- Yellow (64%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (68%)
- Black (17%)





- Cyan (17%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2410, 28.9335, 9.1962 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 35.2410, 28.9335, 9.1962 by changing the saturation by 10% instead.


 35.2410, 28.9335,
9.1962


 35.2410, 28.9335,
9.1962


317.1202,
296.9011, 195.1065


 24.0160, 19.0305,
4.7708


 67.1905, 57.9714,
24.8560

 15.4703, 11.6923,
2.0571


 88.6457, 77.8751,
36.9274


 9.2385, 6.5345,
0.5900


 114.2416,
101.8812, 52.3847

 4.9555, 3.1728,
0.0000

 144.3437,
130.3741, 71.6463

 2.2556, 1.2226,
0.0000

 179.3172,
163.7381, 95.1307

 0.7718, 0.0800,
0.0000

219.5276,

 0.0000, 0.0000,

202.3577, 123.2565

0.0000

265.3401,
246.6172, 156.4423

■ 35.2410, 28.9335,
9.1962

■ 35.2410, 28.9335,
9.1962

■ 33.2042, 25.7118,
5.8918

■ 37.7160, 32.6613,
13.7901

■ 31.5697, 22.9658,
3.7347

■ 40.6570, 36.9143,
19.7919

■ 30.2929, 20.6658,
2.5273

■ 44.0911, 41.7158,
27.3082

■ 30.0429, 20.2069,
2.3169

■ 48.0428, 47.0860,
36.4350

■ 52.5347, 53.0443,
47.2599

■ 57.5881, 59.6088,
59.8643

■ 63.2228, 66.7969,
74.3245

■ 69.4577, 74.6253,
90.7121

■ 75.8402, 82.9216,
106.6160

Harmonies

Analogous

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



40.9541, 28.9335, 17.1291



35.2410, 28.9335, 9.1962



28.1078, 28.9335, 6.8297

Triad

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



35.2410, 28.9335, 9.1962



16.3167, 28.9335, 29.8082



34.0232, 28.9335, 78.3599

Complementary

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



35.2410, 28.9335, 9.1962



25.6966, 29.0417, 65.8789

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.



26.9019, 28.9335, 86.3104



35.2410, 28.9335, 9.1962



17.3722, 28.9335, 52.2646

Square

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



35.2410, 28.9335, 9.1962



17.8199, 28.9335, 15.2129



20.9854, 28.9335, 75.2324



40.1728, 28.9335, 56.5692

Rectangle

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



35.2410, 28.9335, 9.1962



23.7457, 28.9335, 7.4561



20.9854, 28.9335, 75.2324



31.6314, 28.9335, 83.0530

Sweetspot

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



35.2417, 28.9350, 9.1967



78.8837, 79.1088, 68.2387



34.9474, 20.3898, 33.6278



16.4592, 16.3700, 13.5771



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.



35.2417, 28.9350, 9.1967



49.8708, 37.6531, 7.4845



47.2695, 52.9908, 13.2060



12.1899, 12.5706, 12.3959



18.2250, 12.3829, 1.4296



1.0957, 0.8458, 0.1055

Inverse Universe

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



25.6966, 29.0417, 65.8789



34.1689, 37.6167, 100.0676



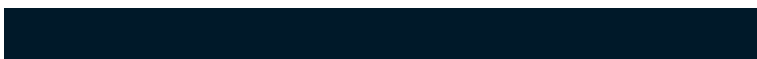
17.3656, 12.3796, 63.1019



11.7465, 12.5832, 15.0534



11.7699, 12.1864, 38.9244



0.7345, 0.8343, 2.2019

Previews

White Background



This preview shows how the XYZ color 35.2410, 28.9335, 9.1962 looks on a white background.

Color Contrast Check

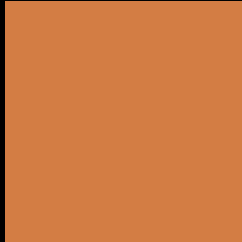
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2410, 28.9335, 9.1962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

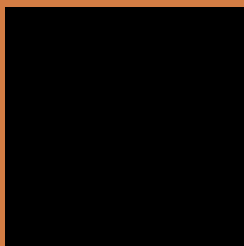
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2410, 28.9335, 9.1962

Background



This preview shows how black text looks on a background with the XYZ color 35.2410, 28.9335, 9.1962.



This preview shows how white text looks on a background with the XYZ color 35.2410, 28.9335,

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

35.2410, 28.9335, 9.1962

Protanopia

26.6040, 29.0568, 10.8630

Deuteranopia

29.5949, 29.0714, 8.9020



Tritanopia

38.3335, 28.9362, 23.6435

Trichromacy



Original Color

35.2410, 28.9335, 9.1962

Protanomaly

29.2247, 28.6364, 10.1180

Deuteranomaly

31.6104, 29.0471, 8.9416

Tritanomaly

37.1704, 29.0115, 17.2764

Monochromacy



Original Color

35.2410, 28.9335, 9.1962

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.2465, 27.4771, 20.3379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2410, 28.9335, 9.1962 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(211, 125, 68)` looks like.

```
.text, #text, p{  
    color:rgb(211, 125, 68)  
}
```

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(211, 125, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 125, 68) }
```

Border

The CSS property to change the border of an element to XYZ 35.2410, 28.9335, 9.1962 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(211, 125, 68) }
```


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

```
.border{ border-color:rgb(211, 125, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 125, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 125, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 125, 68);  
box-shadow:4px 4px 4px 4px rgb(211, 125,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2410, 28.9335, 9.1962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 125, 68) }
```

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

```
.background{ background-color: rgb(211,  
125, 68) }
```

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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