

Converting Colors

XYZ(35.0350, 29.7094, 7.0422)

Have a look what the booklet for
XYZ(35.0350, 29.7094, 7.0422)
contains.

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Color

**XYZ(35.0261, 29.6412,
7.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	D28133
RGB	210, 129, 51
RGB Percent	82%, 51%, 20%
CMY	0.1765, 0.4941, 0.8000
CMYK	0.00, 0.39, 0.76, 0.18
HSL	29°, 64%, 51%
HSV	29°, 76%, 82%
XYZ	35.0261, 29.6412, 7.0072
YIQ	144.3270, 73.3140, -7.0860

Conversions

Conversions Part 2

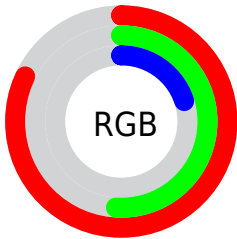
Format	Color
R_{YB}	210, 204, 51
Decimal	13795635
CIE Lab	61.34, 25.09, 53.20
CIE LCh	61, 58.824, 64.748
Yxy	29.6412, 0.4887, 0.4136
Android (android.graphics.Color)	4291985715 (0xFFD28133)
YUV	144.3270, -46.0102, 57.5952
Hunter-Lab	54.4437, 19.5605, 30.4797

Details

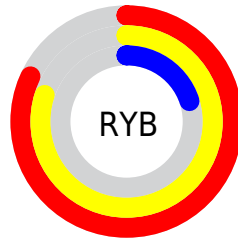
The XYZ color **35.0261, 29.6412, 7.0072** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **21.2487, 21.8581, 64.0713**, and the grayscale version is **26.8012, 28.1970, 30.7065**.

A 20% lighter version of the original color is **60.3662, 55.6752, 20.1351**, and **15.3737, 12.0760, 1.5206** is the 20% darker color. If you saturate the color by 10%, you get **33.3273, 26.8250, 4.6497**, and if you desaturate by 10%, it is **37.0827, 32.8391, 10.5154**.

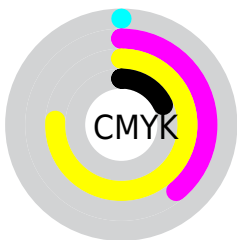
Distribution



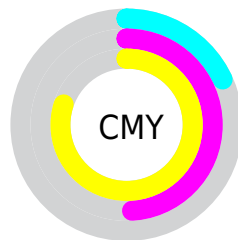
- Red (82%)
- Green (51%)
- Blue (20%)



- Red (82%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (39%)
- Yellow (76%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0261, 29.6412, 7.0072 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 35.0261, 29.6412, 7.0072 by changing the saturation by 10% instead.


 35.0261, 29.6412,
7.0072


 35.0261, 29.6412,
7.0072


316.1895,
300.2284, 177.3567


 23.8496, 19.5664,
3.3881


 66.8600, 59.0943,
20.5008


 15.3462, 12.0803,
1.2960


 88.2480, 79.2414,
31.2124

 9.1506, 6.7984,
0.0585


 113.7706,
103.5147, 45.1252

 4.8975, 3.3363,
0.0000

 143.7932,
132.2986, 62.6578

 2.2214, 1.3097,
0.0000

 178.6809,
165.9776, 84.2287

 0.7540, 0.1487,
0.0000

 218.7994,

 0.0000, 0.0000,

204.9359, 110.2565

0.0000

264.5138,
249.5581, 141.1596

■ 35.0261, 29.6412,
7.0072

■ 35.0261, 29.6412,
7.0072

■ 33.3273, 26.8250,
4.6497

■ 37.0827, 32.8391,
10.5154

■ 31.9491, 24.3646,
3.2775

■ 39.5244, 36.4328,
15.3055


■ 31.4309, 23.4072,
2.8614


■ 42.3775, 40.4406,
21.4925


■ 45.6651, 44.8782,
29.1779

■ 49.4081, 49.7601,
38.4539

 53.6261, 55.1000,
49.4049

 58.3375, 60.9111,
62.1094

 63.5594, 67.2058,
76.6410

 69.3081, 73.9960,
93.0690

Harmonies

Analogous

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



42.2894, 29.6412, 13.5382



35.0261, 29.6412, 7.0072



26.9566, 29.6412, 5.6797

Triad

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



35.0261, 29.6412, 7.0072



15.7711, 29.6412, 35.9400



37.5567, 29.6412, 81.6254

Complementary

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



35.0261, 29.6412, 7.0072



21.2487, 21.8581, 64.0713

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.



29.4256, 29.6412, 96.2922



35.0261, 29.6412, 7.0072



17.6099, 29.6412, 63.2515

Square

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



35.0261, 29.6412, 7.0072



16.7229, 29.6412, 17.2674



22.2778, 29.6412, 88.3651



43.9284, 29.6412, 54.1388

Rectangle

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



35.0261, 29.6412, 7.0072



22.3798, 29.6412, 6.9499



22.2778, 29.6412, 88.3651



34.8887, 29.6412, 88.6765

Sweetspot

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



35.0268, 29.6427, 7.0077



78.2024, 79.1789, 63.5950



32.0061, 17.7670, 23.9874



16.2523, 16.3242, 12.3737



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.



35.0268, 29.6427, 7.0077



50.3106, 39.1545, 5.7139



49.5732, 58.7356, 11.8565



12.2807, 12.7522, 12.4262



19.2727, 14.4784, 1.7788



1.1569, 0.9682, 0.1259

Inverse Universe

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



21.2487, 21.8581, 64.0713



27.9501, 26.4973, 98.2491



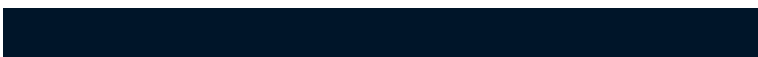
14.3011, 7.9630, 61.7554



11.6544, 12.3990, 15.0227



10.4023, 9.4512, 38.4685



0.6610, 0.6871, 2.1774

Previews

White Background



This preview shows how the XYZ color 35.0261, 29.6412, 7.0072 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 35.0261, 29.6412, 7.0072 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 35.0261, 29.6412, 7.0072

Background



This preview shows how black text looks on a background with the XYZ color 35.0261, 29.6412, 7.0072.



This preview shows how white text looks on a background with the XYZ color 35.0261, 29.6412,

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

35.0261, 29.6412, 7.0072

Protanopia

27.1871, 29.8874, 8.0773

Deuteranopia

30.2877, 29.6941, 6.8245



Tritanopia

38.5982, 29.5826, 24.7948

Trichromacy



Original Color

35.0261, 29.6412, 7.0072

Protanomaly

29.6303, 29.5574, 7.6335

Deuteranomaly

31.9848, 29.7068, 6.8445

Tritanomaly

36.9972, 29.5010, 16.0562

Monochromacy



Original Color

35.0261, 29.6412, 7.0072

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.1955, 27.9159, 18.6541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0261, 29.6412, 7.0072 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(210, 129, 51)` looks like.

```
.text, #text, p{  
    color:rgb(210, 129, 51)  
}
```

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(210, 129, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 129, 51) }
```

Border

The CSS property to change the border of an element to XYZ 35.0261, 29.6412, 7.0072 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(210, 129, 51) }
```


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

```
.border{ border-color:rgb(210, 129, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 129, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 129, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 129, 51);  
box-shadow:4px 4px 4px 4px rgb(210, 129,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0261, 29.6412, 7.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 129, 51) }
```

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

```
.background{ background-color: rgb(210,  
129, 51) }
```

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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