

Converting Colors

XYZ(29.1603, 21.4877, 8.4240)

Have a look what the booklet for
XYZ(29.1603, 21.4877, 8.4240)
contains.

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Color

**XYZ(29.1205, 21.5080,
8.4110)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C76346 |
| RGB | 199, 99, 70 |
| RGB Percent | 78%, 39%, 27% |
| CMY | 0.2196, 0.6117, 0.7255 |
| CMYK | 0.00, 0.50, 0.65, 0.22 |
| HSL | 13°, 54%, 53% |
| HSV | 13°, 65%, 78% |
| XYZ | 29.1205, 21.5080, 8.4110 |
| YIQ | 125.5940, 68.9090, 12.1810 |

Conversions

Conversions Part 2

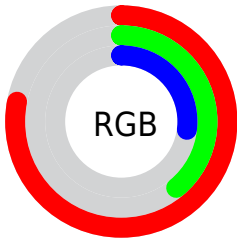
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 199, 107, 70 |
| Decimal | 13067078 |
| CIELab | 53.50, 37.50, 34.65 |
| CIElCh | 54, 51.058, 42.740 |
| Yxy | 21.5080, 0.4932, 0.3643 |
| Android (android.graphics.Color) | 4291257158 (0xFFC76346) |
| YUV | 125.5940, -27.4078, 64.3771 |
| Hunter-Lab | 46.3767, 30.9230, 21.7107 |

Details

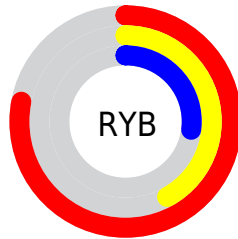
The XYZ color **29.1205, 21.5080, 8.4110** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **27.2082, 34.1728, 59.1944**, and the grayscale version is **19.7677, 20.7972, 22.6481**.

A 20% lighter version of the original color is **55.7980, 45.0484, 23.2071**, and **12.0890, 7.8423, 1.7962** is the 20% darker color. If you saturate the color by 10%, you get **27.2688, 18.6490, 5.1915**, and if you desaturate by 10%, it is **31.4604, 25.0108, 12.8202**.

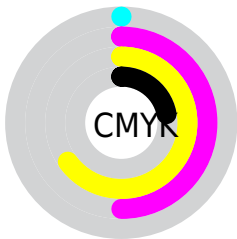
Distribution



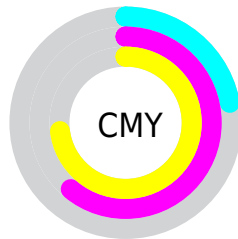
- Red (78%)
- Green (39%)
- Blue (27%)



- Red (78%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (65%)
- Black (22%)





- Cyan (22%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1205, 21.5080, 8.4110 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 29.1205, 21.5080, 8.4110 by changing the saturation by 10% instead.

 29.1205, 21.5080,
8.4110


 29.1205, 21.5080,
8.4110


289.7670,
259.9660, 188.9744


 19.3167, 13.4958,
4.2675


 57.6647, 45.9315,
23.3196

 12.0047, 7.7709,
1.7732


 77.1359, 63.1116,
34.9219


 6.8191, 3.9487,
0.4102


 100.5602, 84.1164,
49.8475

 3.3946, 1.6449,
0.0000

 128.3031,
109.3305, 68.5150

 1.3657, 0.3876,
0.0000

 160.7299,
139.1380, 91.3428

 0.2316, 0.0000,
0.0000

198.2059,

 0.0000, 0.0000,

173.9236, 118.7497

0.0000

241.0965,
214.0714, 151.1540

■ 29.1205, 21.5080,
8.4110

■ 29.1205, 21.5080,
8.4110

■ 27.2688, 18.6490,
5.1915

■ 31.4604, 25.0108,
12.8202

■ 25.8665, 16.3899,
3.0421

■ 34.3203, 29.1908,
18.5206

■ 24.8703, 14.6863,
1.8197

■ 37.7309, 34.0830,
25.6041

■ 24.4817, 13.9994,
1.4118

■ 41.7199, 39.7191,
34.1536

■ 46.3131, 46.1285,
44.2458

■ 51.5349, 53.3395,
55.9519

■ 57.4080, 61.3785,
69.3385

■ 63.9542, 70.2709,
84.4686

■ 71.1942, 80.0410,
101.4019

Harmonies

Analogous

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



32.4267, 21.5080, 17.4179



29.1205, 21.5080, 8.4110



23.7035, 21.5080, 4.8858

Triad

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



29.1205, 21.5080, 8.4110



11.9974, 21.5080, 15.6121



22.8355, 21.5080, 66.4326

Complementary

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



29.1205, 21.5080, 8.4110



27.2082, 34.1728, 59.1944

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.



17.4955, 21.5080, 65.2156



29.1205, 21.5080, 8.4110



11.8485, 21.5080, 30.6598

Square

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



29.1205, 21.5080, 8.4110



14.1378, 21.5080, 7.5954



13.6868, 21.5080, 50.1760



28.3887, 21.5080, 53.0020

Rectangle

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



29.1205, 21.5080, 8.4110



19.9471, 21.5080, 4.4381



13.6868, 21.5080, 50.1760



20.9465, 21.5080, 67.8509

Sweetspot

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



29.1210, 21.5092, 8.4114



77.3750, 75.5979, 69.2572



33.0987, 19.4647, 40.5655



16.0680, 15.4918, 13.7420



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.



29.1210, 21.5092, 8.4114



46.5928, 30.8195, 7.2473



37.6583, 38.5837, 11.2571



10.8241, 11.0174, 11.1188



15.7974, 9.1119, 0.9262



0.8043, 0.5439, 0.0626

Inverse Universe

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



27.2082, 34.1728, 59.1944



42.8016, 54.2938, 102.8316



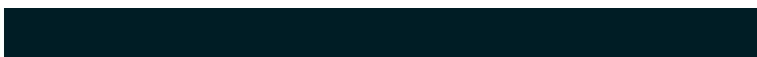
18.0456, 15.8476, 56.1402



10.7366, 11.6474, 13.5998



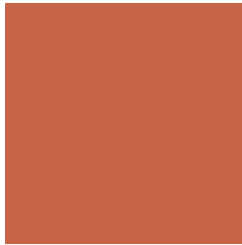
14.1543, 17.7025, 37.4153



0.7214, 0.9406, 1.7887

Previews

White Background



This preview shows how the XYZ color 29.1205, 21.5080, 8.4110 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 29.1205, 21.5080, 8.4110 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 29.1205, 21.5080, 8.4110

Background



This preview shows how black text looks on a background with the XYZ color 29.1205, 21.5080, 8.4110.



This preview shows how white text looks on a background with the XYZ color 29.1205, 21.5080,

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

29.1205, 21.5080, 8.4110

Protanopia

20.0196, 21.6079, 10.9002

Deuteranopia

22.0142, 21.5698, 8.0041



Tritanopia

30.5779, 21.5612, 15.1205

Trichromacy



Original Color

29.1205, 21.5080, 8.4110

Protanomaly

22.3988, 20.8355, 9.8623

Deuteranomaly

24.2640, 21.3241, 8.1473

Tritanomaly

29.8478, 21.3833, 12.2271

Monochromacy



Original Color

29.1205, 21.5080, 8.4110

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.9838, 20.3037, 16.3960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1205, 21.5080, 8.4110 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(199, 99, 70)` looks like.

```
.text, #text, p{  
    color:rgb(199, 99, 70)  
}
```

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(199, 99, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 99, 70) }
```

Border

The CSS property to change the border of an element to XYZ 29.1205, 21.5080, 8.4110 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(199, 99, 70) }
```


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

```
.border{ border-color:rgb(199, 99, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 99, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 99, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 99, 70);  
box-shadow:4px 4px 4px 4px rgb(199, 99,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1205, 21.5080, 8.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 99, 70) }
```

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

```
.background{ background-color: rgb(199, 99,  
70) }
```

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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