

Converting Colors

XYZ(30.5453, 24.4426, 4.7138)

Have a look what the booklet for
XYZ(30.5453, 24.4426, 4.7138)
contains.

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Color

**XYZ(30.5656, 24.4882,
4.7058)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7123
RGB	202, 113, 35
RGB Percent	79%, 44%, 14%
CMY	0.2078, 0.5568, 0.8627
CMYK	0.00, 0.44, 0.83, 0.21
HSL	28°, 70%, 46%
HSV	28°, 83%, 79%
XYZ	30.5656, 24.4882, 4.7058
YIQ	130.7190, 78.0820, -5.3900

Conversions

Conversions Part 2

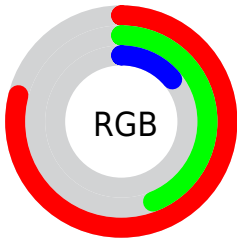
Format	Color
R _Y B	202, 181, 35
Decimal	13267235
CIE Lab	56.57, 29.74, 54.94
CIE LCh	57, 62.474, 61.570
Yxy	24.4882, 0.5115, 0.4098
Android (android.graphics.Color)	4291457315 (0xFFCA7123)
YUV	130.7190, -47.1895, 62.5134
Hunter-Lab	49.4856, 23.6539, 29.0017

Details

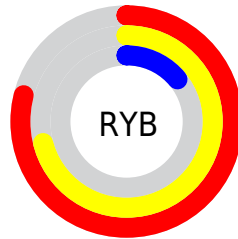
The XYZ color **30.5656, 24.4882, 4.7058** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **18.5608, 19.0357, 58.5726**, and the grayscale version is **21.6173, 22.7431, 24.7673**.

A 20% lighter version of the original color is **56.5965, 49.2206, 15.5344**, and **12.9887, 9.4176, 1.1332** is the 20% darker color. If you saturate the color by 10%, you get **29.2169, 22.1407, 3.1783**, and if you desaturate by 10%, it is **32.2303, 27.1922, 7.1898**.

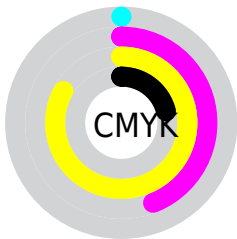
Distribution



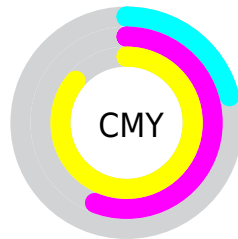
- Red (79%)
- Green (44%)
- Blue (14%)



- Red (79%)
- Yellow (71%)
- Blue (14%)



- Cyan (0%)
- Magenta (44%)
- Yellow (83%)
- Black (21%)





- Cyan (21%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5656, 24.4882, 4.7058 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 30.5656, 24.4882, 4.7058 by changing the saturation by 10% instead.


 30.5656, 24.4882,
4.7058


 30.5656, 24.4882,
4.7058


296.3948,
275.2795, 155.7741


 20.4185, 15.6962,
2.0200


 59.9360, 50.8257,
15.6074


 12.8096, 9.3094,
0.5675


 79.8900, 69.1400,
24.6602


 7.3737, 4.9435,
0.0000


 103.8437, 91.3971,
36.6725

 3.7453, 2.2142,
0.0000

 132.1624,
117.9815, 52.0627

 1.5591, 0.7277,
0.0000

 165.2115,
149.2775, 71.2494

 0.3655, 0.0000,
0.0000

 203.3564,

 0.0000, 0.0000,

185.6696, 94.6512

0.0000

246.9624,
227.5421, 122.6866

■ 30.5656, 24.4882,
4.7058

■ 30.5656, 24.4882,
4.7058

■ 29.2169, 22.1407,
3.1783

■ 32.2303, 27.1922,
7.1898

■ 28.3911, 20.6249,
2.4846

■ 34.2400, 30.2686,
10.7668

■ 36.6213, 33.7363,
15.5522

■ 39.3971, 37.6114,
21.6460

■ 42.5884, 41.9090,
29.1379

■ 46.2144, 46.6430,
38.1095

■ 50.2931, 51.8267,
48.6359

■ 54.8411, 57.4728,
60.7873

■ 59.8743, 63.5935,
74.6295

Harmonies

Analogous

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



37.2930, 24.4882, 10.7435



30.5656, 24.4882, 4.7058



22.8952, 24.4882, 3.3510

Triad

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



30.5656, 24.4882, 4.7058



11.9331, 24.4882, 27.7730



31.3663, 24.4882, 77.2182

Complementary

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



30.5656, 24.4882, 4.7058



18.5608, 19.0357, 58.5726

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.



23.6596, 24.4882, 89.8273



30.5656, 24.4882, 4.7058



13.3010, 24.4882, 53.5149

Square

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



30.5656, 24.4882, 4.7058



13.0395, 24.4882, 11.8112



17.2475, 24.4882, 79.4633



37.8187, 24.4882, 50.5549

Rectangle

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



30.5656, 24.4882, 4.7058



18.5156, 24.4882, 4.0986



17.2475, 24.4882, 79.4633



28.7878, 24.4882, 83.7192

Sweetspot

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



30.5661, 24.4895, 4.7062



76.5352, 76.7601, 60.2169



28.6003, 15.2156, 20.5206



15.9106, 15.8157, 11.7205



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.



30.5661, 24.4895, 4.7062



48.0270, 34.8117, 4.2612



44.4979, 52.3531, 9.3502



11.6371, 12.0631, 11.7945



18.3570, 13.4470, 1.6280



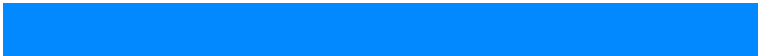
1.0227, 0.8451, 0.1092

Inverse Universe

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



18.5608, 19.0357, 58.5726



27.0391, 25.1508, 98.0372



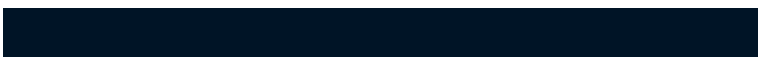
12.1319, 6.1778, 56.4296



11.0884, 11.8173, 14.2669



10.3768, 9.7775, 37.2966



0.6109, 0.6555, 1.9493

Previews

White Background



This preview shows how the XYZ color 30.5656, 24.4882, 4.7058 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 30.5656, 24.4882, 4.7058 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 30.5656, 24.4882, 4.7058

Background



This preview shows how black text looks on a background with the XYZ color 30.5656, 24.4882, 4.7058.



This preview shows how white text looks on a background with the XYZ color 30.5656, 24.4882,

4.7058.

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

30.5656, 24.4882, 4.7058

Protanopia

22.4828, 24.8237, 5.7043

Deuteranopia

25.0613, 24.5503, 4.4547



Tritanopia

33.5883, 24.6221, 18.6050

Trichromacy



Original Color

30.5656, 24.4882, 4.7058

Protanomaly

24.8800, 24.2428, 5.2875

Deuteranomaly

26.8457, 24.3269, 4.5089

Tritanomaly

32.2852, 24.5723, 11.6356

Monochromacy



Original Color

30.5656, 24.4882, 4.7058

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.2236, 22.4279, 14.1713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5656, 24.4882, 4.7058 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(202, 113, 35)` looks like.

```
.text, #text, p{  
    color:rgb(202, 113, 35)  
}
```

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(202, 113, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 113, 35) }
```

Border

The CSS property to change the border of an element to XYZ 30.5656, 24.4882, 4.7058 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(202, 113, 35) }
```


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

```
.border{ border-color:rgb(202, 113, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 113, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 113, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 113, 35);  
box-shadow:4px 4px 4px 4px rgb(202, 113,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5656, 24.4882, 4.7058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 113, 35) }
```

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

```
.background{ background-color: rgb(202,  
113, 35) }
```

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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