

Converting Colors

XYZ(29.5339, 24.5964, 7.9234)

Have a look what the booklet for
XYZ(29.5339, 24.5964, 7.9234)
contains.

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Color

**XYZ(29.5066, 24.5508,
7.8862)**

Conversions

Conversions Part 1

Format	Color
Hex	C2753F
RGB	194, 117, 63
RGB Percent	76%, 46%, 25%
CMY	0.2392, 0.5412, 0.7529
CMYK	0.00, 0.40, 0.68, 0.24
HSL	25°, 52%, 50%
HSV	25°, 68%, 76%
XYZ	29.5066, 24.5508, 7.8862
YIQ	133.8670, 63.2260, -0.4700

Conversions

Conversions Part 2

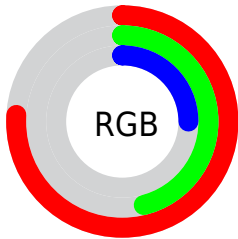
Format	Color
RYB	194, 155, 63
Decimal	12743999
CIELab	56.64, 25.47, 41.86
CIElCh	57, 49.006, 58.681
Yxy	24.5508, 0.4763, 0.3963
Android (android.graphics.Color)	4290934079 (0xFFC2753F)
YUV	133.8670, -34.9374, 52.7366
Hunter-Lab	49.5488, 19.5875, 25.2475

Details

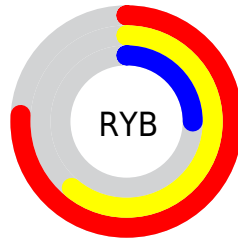
The XYZ color **29.5066, 24.5508, 7.8862** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **21.1649, 23.7065, 54.4989**, and the grayscale version is **22.7198, 23.9029, 26.0303**.

A 20% lighter version of the original color is **58.2284, 51.0125, 22.4002**, and **12.2997, 9.4002, 1.5816** is the 20% darker color. If you saturate the color by 10%, you get **27.8084, 21.8747, 5.1003**, and if you desaturate by 10%, it is **31.5588, 27.6296, 11.7327**.

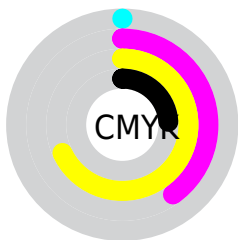
Distribution



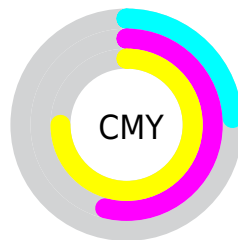
- Red (76%)
- Green (46%)
- Blue (25%)



- Red (76%)
- Yellow (61%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (24%)





- Cyan (24%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5066, 24.5508, 7.8862 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 29.5066, 24.5508, 7.8862 by changing the saturation by 10% instead.


 29.5066, 24.5508,
7.8862


 29.5066, 24.5508,
7.8862


291.5491,
275.5934, 184.7378


 19.6106, 15.7427,
3.9355


 58.2730, 50.9275,
22.2775


 12.2189, 9.3423,
1.5900


 77.8741, 69.2650,
33.5552


 6.9662, 4.9651,
0.2837


 101.4410, 91.5477,
48.1123

 3.4871, 2.2268,
0.0000

 129.3390,
118.1600, 66.3674

 1.4163, 0.7345,
0.0000

 161.9334,
149.4863, 88.7389

 0.2678, 0.0000,
0.0000

 199.5897,

 0.0000, 0.0000,

185.9111, 115.6455

0.0000

242.6731,
227.8187, 147.5056

■ 29.5066, 24.5508,
7.8862

■ 29.5066, 24.5508,
7.8862

■ 27.8084, 21.8747,
5.1003

■ 31.5588, 27.6296,
11.7327

■ 26.4356, 19.5773,
3.2607

■ 33.9868, 31.1254,
16.7353

■ 25.3522, 17.6356,
2.2057

■ 36.8123, 35.0563,
22.9802

■ 25.1149, 17.2032,
1.9968

■ 40.0549, 39.4383,
30.5452

■ 43.7325, 44.2860,
39.5013

■ 47.8621, 49.6138,
49.9146

■ 52.4594, 55.4350,
61.8468

■ 57.5396, 61.7626,
75.3563

■ 63.1171, 68.6091,
90.4980

Harmonies

Analogous

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



34.3285, 24.5508, 14.3221



29.5066, 24.5508, 7.8862



23.5880, 24.5508, 6.0314

Triad

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



29.5066, 24.5508, 7.8862



14.0050, 24.5508, 26.0157



28.9986, 24.5508, 64.7963

Complementary

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



29.5066, 24.5508, 7.8862



21.1649, 23.7065, 54.4989

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.



23.0834, 24.5508, 71.9793



29.5066, 24.5508, 7.8862



14.9813, 24.5508, 44.7983

Square

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



29.5066, 24.5508, 7.8862



15.1698, 24.5508, 13.5124



18.0899, 24.5508, 63.5014



34.0032, 24.5508, 46.5870

Rectangle

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



29.5066, 24.5508, 7.8862



19.9981, 24.5508, 6.6619



18.0899, 24.5508, 63.5014



27.0234, 24.5508, 68.8422

Sweetspot

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



29.5072, 24.5521, 7.8867



77.2915, 77.6970, 66.7756



28.8781, 16.9654, 27.1867



16.5038, 16.4592, 13.5919



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.



29.5072, 24.5521, 7.8867



49.1281, 37.5672, 7.4544



39.6487, 44.8351, 11.2671



10.4066, 10.7447, 10.5873



16.5891, 11.4639, 1.3384



0.7846, 0.6310, 0.0804

Inverse Universe

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



21.1649, 23.7065, 54.4989



32.8898, 35.7452, 97.6358



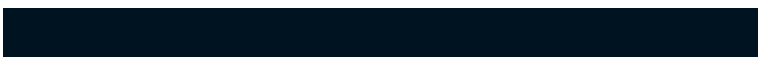
14.3789, 10.1347, 52.2369



10.0092, 10.7096, 12.8245



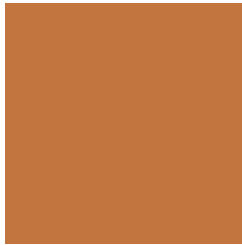
10.4425, 10.6414, 35.0602



0.5178, 0.5929, 1.5370

Previews

White Background



This preview shows how the XYZ color 29.5066, 24.5508, 7.8862 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 29.5066, 24.5508, 7.8862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

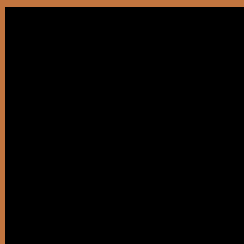
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5066, 24.5508, 7.8862

Background



This preview shows how black text looks on a background with the XYZ color 29.5066, 24.5508, 7.8862.



This preview shows how white text looks on a background with the XYZ color 29.5066, 24.5508,

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

29.5066, 24.5508, 7.8862

Protanopia

22.6408, 24.6173, 9.1885

Deuteranopia

25.1604, 24.7265, 7.7216



Tritanopia

32.0402, 24.5711, 20.5068

Trichromacy



Original Color

29.5066, 24.5508, 7.8862

Protanomaly

24.7997, 24.3213, 8.6976

Deuteranomaly

26.5360, 24.4691, 7.7393

Tritanomaly

30.9222, 24.4469, 14.8933

Monochromacy



Original Color

29.5066, 24.5508, 7.8862

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1362, 23.5890, 17.4684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5066, 24.5508, 7.8862 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(194, 117, 63)` looks like.

```
.text, #text, p{  
    color:rgb(194, 117, 63)  
}
```

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(194, 117, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 117, 63) }
```

Border

The CSS property to change the border of an element to XYZ 29.5066, 24.5508, 7.8862 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(194, 117, 63) }
```


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

```
.border{ border-color:rgb(194, 117, 63) }
```

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

Here you see how a box with a 4 pixel rgb(194, 117, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 117, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 117, 63);  
box-shadow:4px 4px 4px 4px rgb(194, 117,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5066, 24.5508, 7.8862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 117, 63) }
```

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

```
.background{ background-color: rgb(194,  
117, 63) }
```

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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