

Converting Colors

XYZ(29.0203, 23.4288, 8.4343)

Have a look what the booklet for
XYZ(29.0203, 23.4288, 8.4343)
contains.

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Color

**XYZ(29.0857, 23.4750,
8.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	C27044
RGB	194, 112, 68
RGB Percent	76%, 44%, 27%
CMY	0.2392, 0.5608, 0.7333
CMYK	0.00, 0.42, 0.65, 0.24
HSL	21°, 51%, 51%
HSV	21°, 65%, 76%
XYZ	29.0857, 23.4750, 8.4670
YIQ	131.5020, 62.9960, 3.7000

Conversions

Conversions Part 2

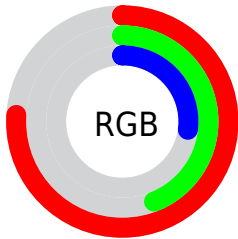
Format	Color
RYB	194, 136, 68
Decimal	12742724
CIELab	55.56, 28.50, 38.01
CIELCh	56, 47.506, 53.140
Yxy	23.4750, 0.4766, 0.3847
Android (android.graphics.Color)	4290932804 (0xFFC27044)
YUV	131.5020, -31.3065, 54.8107
Hunter-Lab	48.4510, 22.3664, 23.5545

Details

The XYZ color **29.0857, 23.4750, 8.4670** 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 **23.0272, 26.9353, 55.0241**, and the grayscale version is **21.8466, 22.9843, 25.0300**.

A 20% lighter version of the original color is **57.5391, 49.2655, 23.3062**, and **12.0662, 8.8434, 1.7805** is the 20% darker color. If you saturate the color by 10%, you get **27.2920, 20.6837, 5.4157**, and if you desaturate by 10%, it is **31.2717, 26.7378, 12.6158**.

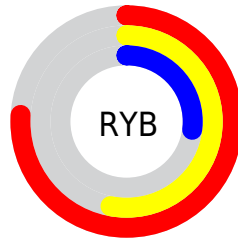
Distribution



Red (76%)

Green (44%)

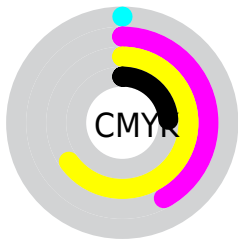
Blue (27%)



Red (76%)

Yellow (53%)

Blue (27%)

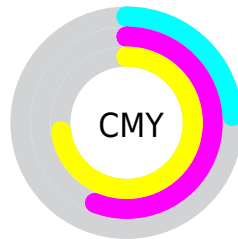


Cyan (0%)

Magenta (42%)

Yellow (65%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0857, 23.4750, 8.4670 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 29.0857, 23.4750, 8.4670 by changing the saturation by 10% instead.


 29.0857, 23.4750,
8.4670


 29.0857, 23.4750,
8.4670


289.6060,
270.1554, 189.4197


 19.2903, 14.9446,
4.3032


 57.6098, 49.1721,
23.4301

 11.9855, 8.7805,
1.7931


 77.0693, 67.1076,
35.0664


 6.8059, 4.5983,
0.4234


 100.4807, 88.9470,
50.0307

 3.3863, 2.0136,
0.0000

 128.2096,
115.0746, 68.7414

 1.3612, 0.6153,
0.0000

 160.6212,
145.8749, 91.6171

 0.2283, 0.0000,
0.0000

198.0809,

 0.0000, 0.0000,

181.7322, 119.0764

0.0000

240.9540,
223.0309, 151.5377

■ 29.0857, 23.4750,
8.4670

■ 29.0857, 23.4750,
8.4670

■ 27.2920, 20.6837,
5.4157

■ 31.2717, 26.7378,
12.6158

■ 25.8608, 18.3360,
3.3517

■ 33.8734, 30.4905,
17.9551

■ 24.7593, 16.4059,
2.1432

■ 36.9141, 34.7551,
24.5697

■ 24.3003, 15.5737,
1.7253

■ 40.4147, 39.5508,
32.5358

■ 44.3947, 44.8960,
41.9239

■ 48.8725, 50.8080,
52.7993

■ 53.8652, 57.3033,
65.2234

■ 59.3894, 64.3977,
79.2542

■ 65.4606, 72.1065,
94.9463

Harmonies

Analogous

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



33.1986, 23.4750, 15.6244



29.0857, 23.4750, 8.4670



23.5665, 23.4750, 6.0243

Triad

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



29.0857, 23.4750, 8.4670



13.5619, 23.4750, 22.1932



26.6139, 23.4750, 63.4592

Complementary

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



29.0857, 23.4750, 8.4670



23.0272, 26.9353, 55.0241

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.



21.1033, 23.4750, 67.5102



29.0857, 23.4750, 8.4670



14.1113, 23.4750, 39.0077

Square

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



29.0857, 23.4750, 8.4670



15.0382, 23.4750, 11.6246



16.6816, 23.4750, 57.2098



31.6194, 23.4750, 47.6781

Rectangle

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



29.0857, 23.4750, 8.4670



20.0497, 23.4750, 6.2411



16.6816, 23.4750, 57.2098



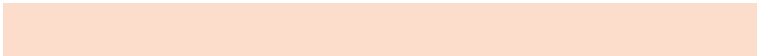
24.7390, 23.4750, 66.4427

Sweetspot

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



29.0862, 23.4762, 8.4674



77.1842, 77.0002, 68.2264



29.9828, 17.8707, 31.5750



16.4465, 16.2489, 13.8682



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.



29.0862, 23.4762, 8.4674



48.2571, 35.5535, 8.0016



38.2350, 41.7738, 11.5170



10.3545, 10.6404, 10.5699



16.0468, 10.3794, 1.1577



0.7584, 0.5786, 0.0717

Inverse Universe

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



23.0272, 26.9353, 55.0241



36.3214, 42.0326, 98.6685



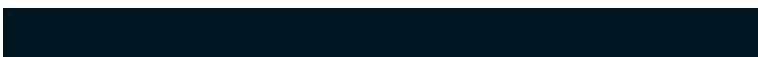
15.6940, 12.2690, 52.5797



10.0629, 10.8171, 12.8424



11.4074, 12.5714, 35.3819



0.5554, 0.6683, 1.5496

Previews

White Background



This preview shows how the XYZ color 29.0857, 23.4750, 8.4670 looks on a white background.

Color Contrast Check

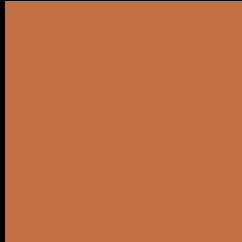
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0857, 23.4750, 8.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

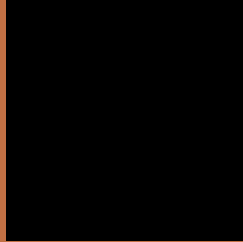
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0857, 23.4750, 8.4670

Background



This preview shows how black text looks on a background with the XYZ color 29.0857, 23.4750, 8.4670.



This preview shows how white text looks on a background with the XYZ color 29.0857, 23.4750,

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

29.0857, 23.4750, 8.4670

Protanopia

21.8277, 23.7612, 10.0925

Deuteranopia

24.0606, 23.5597, 8.2804



Tritanopia

31.2173, 23.3933, 18.7896

Trichromacy



Original Color

29.0857, 23.4750, 8.4670

Protanomaly

23.9404, 23.2821, 9.3630

Deuteranomaly

25.8474, 23.5425, 8.3361

Tritanomaly

30.2852, 23.3240, 14.2150

Monochromacy



Original Color

29.0857, 23.4750, 8.4670

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.6115, 22.7399, 17.6128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0857, 23.4750, 8.4670 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, 112, 68)` looks like.

```
.text, #text, p{  
    color:rgb(194, 112, 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(194, 112, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 112, 68) }
```

Border

The CSS property to change the border of an element to XYZ 29.0857, 23.4750, 8.4670 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, 112, 68) }
```


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

```
.border{ border-color:rgb(194, 112, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 112, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 112, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 112, 68);  
box-shadow:4px 4px 4px 4px rgb(194, 112,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0857, 23.4750, 8.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 112, 68) }
```

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

```
.background{ background-color: rgb(194,  
112, 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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