

Converting Colors

XYZ(29.6643, 23.2755, 9.0600)

Have a look what the booklet for
XYZ(29.6643, 23.2755, 9.0600)
contains.

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Color

**XYZ(29.6643, 23.2755,
9.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	C56D48
RGB	197, 109, 72
RGB Percent	77%, 43%, 28%
CMY	0.2275, 0.5725, 0.7176
CMYK	0.00, 0.45, 0.63, 0.23
HSL	18°, 52%, 53%
HSV	18°, 63%, 77%
XYZ	29.6643, 23.2755, 9.0600
YIQ	131.0940, 64.3250, 7.1490

Conversions

Conversions Part 2

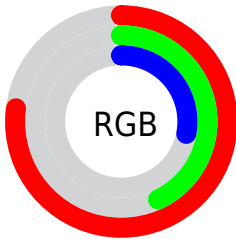
Format	Color
RYB	197, 125, 72
Decimal	12938568
CIELab	55.35, 31.59, 35.71
CIElCh	55, 47.681, 48.501
Yxy	23.2755, 0.4785, 0.3754
Android (android.graphics.Color)	4291128648 (0xFFC56D48)
YUV	131.0940, -29.1333, 57.7996
Hunter-Lab	48.2447, 25.3264, 22.6371

Details

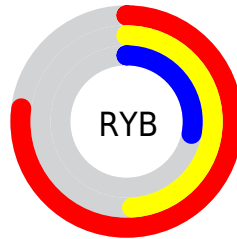
The XYZ color **29.6643, 23.2755, 9.0600** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.3204, 30.5486, 57.3850**, and the grayscale version is **21.6924, 22.8221, 24.8532**.

A 20% lighter version of the original color is **57.6115, 48.4811, 24.4105**, and **12.2317, 8.6058, 1.9937** is the 20% darker color. If you saturate the color by 10%, you get **27.7571, 20.3302, 5.7457**, and if you desaturate by 10%, it is **32.0119, 26.7724, 13.5372**.

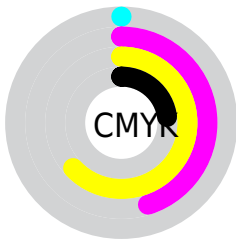
Distribution



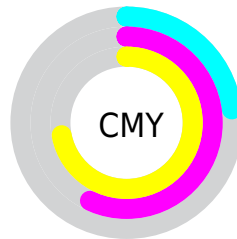
- Red (77%)
- Green (43%)
- Blue (28%)



- Red (77%)
- Yellow (49%)
- Blue (28%)



- Cyan (0%)
- Magenta (45%)
- Yellow (63%)
- Black (23%)




- Cyan (23%)
- Magenta (57%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6643, 23.2755, 9.0600 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 29.6643, 23.2755, 9.0600 by changing the saturation by 10% instead.

 29.6643, 23.2755,
9.0600


 29.6643, 23.2755,
9.0600


292.2745,
269.1369, 194.0594


 19.7307, 14.7971,
4.6830


 58.5212, 48.8453,
24.5913


 12.3066, 8.6771,
2.0070


 78.1752, 66.7055,
36.5827

 7.0265, 4.5312,
0.5596


 101.8000, 88.4617,
51.9493

 3.5252, 1.9749,
0.0000

 129.7611,
114.4983, 71.1097

 1.4372, 0.5928,
0.0000

 162.4237,
145.1997, 94.4823

 0.2825, 0.0000,
0.0000

200.1532,

 0.0000, 0.0000,

180.9504, 122.4858

0.0000

243.3151,
222.1346, 155.5386

■ 29.6643, 23.2755,
9.0600

■ 29.6643, 23.2755,
9.0600

■ 27.7571, 20.3302,
5.7457

■ 32.0119, 26.7724,
13.5372

■ 26.2573, 17.9029,
3.4814

■ 34.8262, 30.8448,
19.2730

■ 25.1290, 15.9614,
2.1338

■ 38.1333, 35.5195,
26.3547

■ 24.5551, 14.9288,
1.5873

■ 41.9567, 40.8204,
34.8612

■ 46.3182, 46.7700,
44.8654

■ 51.2386, 53.3898,
56.4350

■ 56.7372, 60.7003,
69.6339

■ 62.8326, 68.7208,
84.5220

■ 69.5424, 77.4702,
101.1565

Harmonies

Analogous

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



33.3844, 23.2755, 17.0954



29.6643, 23.2755, 9.0600



24.2377, 23.2755, 6.0462

Triad

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



29.6643, 23.2755, 9.0600



13.4945, 23.2755, 19.9112



25.5508, 23.2755, 64.8148

Complementary

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



29.6643, 23.2755, 9.0600



25.3204, 30.5486, 57.3850

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.



20.1344, 23.2755, 66.5726



29.6643, 23.2755, 9.0600



13.7298, 23.2755, 35.8906

Square

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



29.6643, 23.2755, 9.0600



15.2768, 23.2755, 10.4033



15.9816, 23.2755, 54.4386



30.7580, 23.2755, 50.3106

Rectangle

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



29.6643, 23.2755, 9.0600



20.6362, 23.2755, 5.9438



15.9816, 23.2755, 54.4386



23.6788, 23.2755, 67.0834

Sweetspot

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



29.6648, 23.2767, 9.0604



78.2758, 77.3996, 69.5575



31.8279, 19.0990, 35.9975



16.2827, 15.9212, 13.8135



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.



29.6648, 23.2767, 9.0604



48.6339, 34.6914, 8.5760



38.5546, 41.0563, 12.0237



10.8855, 11.1402, 11.1393



16.2151, 9.9474, 1.0654



0.8319, 0.5993, 0.0718

Inverse Universe

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



25.3204, 30.5486, 57.3850



40.0957, 48.4362, 101.8436



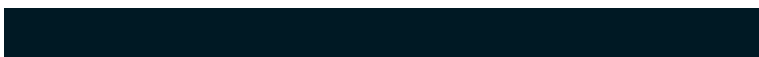
17.2204, 14.3486, 54.6850



10.6713, 11.5168, 13.5780



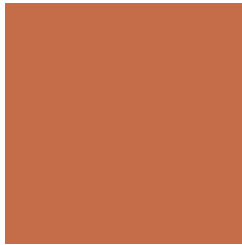
12.7465, 14.8869, 36.9460



0.6643, 0.8264, 1.7696

Previews

White Background



This preview shows how the XYZ color 29.6643, 23.2755, 9.0600 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 29.6643, 23.2755, 9.0600 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 29.6643, 23.2755, 9.0600

Background



This preview shows how black text looks on a background with the XYZ color 29.6643, 23.2755, 9.0600.



This preview shows how white text looks on a background with the XYZ color 29.6643, 23.2755,

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

29.6643, 23.2755, 9.0600

Protanopia

21.5498, 23.3889, 11.1633

Deuteranopia

23.7370, 23.3826, 8.7311



Tritanopia

31.4281, 23.2126, 18.1533

Trichromacy



Original Color

29.6643, 23.2755, 9.0600

Protanomaly

23.8926, 22.8579, 10.3605

Deuteranomaly

25.4698, 22.9766, 8.7227

Tritanomaly

30.6004, 23.1769, 14.1700

Monochromacy



Original Color

29.6643, 23.2755, 9.0600

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.4150, 22.2603, 17.8144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6643, 23.2755, 9.0600 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(197, 109, 72)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 72)  
}
```

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(197, 109, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 72) }
```

Border

The CSS property to change the border of an element to XYZ 29.6643, 23.2755, 9.0600 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(197, 109, 72) }
```


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

```
.border{ border-color:rgb(197, 109, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 109, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 109, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 109, 72);  
box-shadow:4px 4px 4px 4px rgb(197, 109,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6643, 23.2755, 9.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 72) }
```

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

```
.background{ background-color: rgb(197,  
109, 72) }
```

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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