

Converting Colors

XYZ(29.6599, 23.9740, 9.5984)

Have a look what the booklet for
XYZ(29.6599, 23.9740, 9.5984)
contains.

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Color

**XYZ(29.6468, 23.9068,
9.5305)**

Conversions

Conversions Part 1

Format	Color
Hex	C3714A
RGB	195, 113, 74
RGB Percent	76%, 44%, 29%
CMY	0.2353, 0.5568, 0.7098
CMYK	0.00, 0.42, 0.62, 0.24
HSL	19°, 50%, 53%
HSV	19°, 62%, 76%
XYZ	29.6468, 23.9068, 9.5305
YIQ	133.0720, 61.3910, 5.2550

Conversions

Conversions Part 2

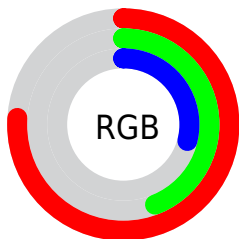
Format	Color
R _Y B	195, 132, 74
Decimal	12808522
CIE Lab	55.99, 28.77, 35.33
CIE LCh	56, 45.561, 50.841
Yxy	23.9068, 0.4700, 0.3790
Android (android.graphics.Color)	4290998602 (0xFFC3714A)
YUV	133.0720, -29.1225, 54.3109
Hunter-Lab	48.8946, 22.6664, 22.6694

Details

The XYZ color **29.6468, 23.9068, 9.5305** 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 **24.5620, 29.1711, 55.9654**, and the grayscale version is **22.4083, 23.5753, 25.6735**.

A 20% lighter version of the original color is **58.5143, 49.9877, 25.6333**, and **12.3595, 9.0690, 2.1977** is the 20% darker color. If you saturate the color by 10%, you get **27.7204, 20.9476, 6.1344**, and if you desaturate by 10%, it is **31.9926, 27.3793, 14.0713**.

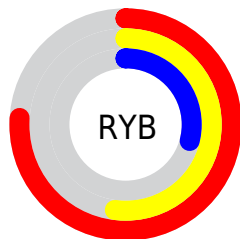
Distribution



Red (76%)

Green (44%)

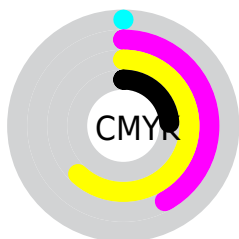
Blue (29%)



Red (76%)

Yellow (52%)

Blue (29%)

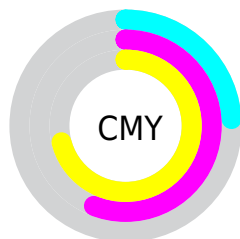


Cyan (0%)

Magenta (42%)

Yellow (62%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6468, 23.9068, 9.5305 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 29.6468, 23.9068, 9.5305 by changing the saturation by 10% instead.


 29.6468, 23.9068,
9.5305


 29.6468, 23.9068,
9.5305


292.1941,
272.3490, 197.6490


 19.7174, 15.2645,
4.9873


 58.4936, 49.8781,
25.5025


 12.2968, 9.0052,
2.1812


 78.1418, 67.9758,
37.7683


 7.0198, 4.7446,
0.6635


 101.7602, 89.9942,
53.4454

 3.5209, 2.0982,
0.0000

 129.7143,
116.3176, 72.9523

 1.4349, 0.6636,
0.0000

 162.3693,
147.3303, 96.7076

 0.2809, 0.0000,
0.0000

200.0908,

 0.0000, 0.0000,

183.4169, 125.1298

0.0000

243.2439,
224.9616, 158.6374

■ 29.6468, 23.9068,
9.5305

■ 29.6468, 23.9068,
9.5305

■ 27.7204, 20.9476,
6.1344

■ 31.9926, 27.3793,
14.0713

■ 26.1830, 18.4716,
3.7756

■ 34.7818, 31.3855,
19.8480

■ 25.0019, 16.4510,
2.3285

■ 38.0384, 35.9491,
26.9441

■ 24.2752, 15.1415,
1.6432

■ 41.7842, 41.0913,
35.4354

■ 46.0393, 46.8320,
45.3919

■ 50.8229, 53.1903,
56.8789

■ 56.1529, 60.1842,
69.9576

■ 62.0465, 67.8311,
84.6860

■ 68.5200, 76.1476,
101.1191

Harmonies

Analogous

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



33.4184, 23.9068, 17.1065



29.6468, 23.9068, 9.5305



24.3533, 23.9068, 6.7483

Triad

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



29.6468, 23.9068, 9.5305



14.2049, 23.9068, 21.7293



26.4726, 23.9068, 63.0581

Complementary

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



29.6468, 23.9068, 9.5305



24.5620, 29.1711, 55.9654

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.



21.1665, 23.9068, 65.8210



29.6468, 23.9068, 9.5305



14.5939, 23.9068, 37.6177

Square

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



29.6468, 23.9068, 9.5305



15.8122, 23.9068, 11.8015



16.9705, 23.9068, 55.1814



31.4001, 23.9068, 48.6500

Rectangle

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



29.6468, 23.9068, 9.5305



20.8918, 23.9068, 6.8078



16.9705, 23.9068, 55.1814



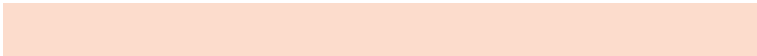
24.6576, 23.9068, 65.5502

Sweetspot

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



29.6474, 23.9080, 9.5309



76.8445, 76.3208, 68.1131



31.0131, 18.9233, 33.7747



16.3634, 16.0825, 13.8404



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.



29.6474, 23.9080, 9.5309



48.7234, 36.0540, 9.4894



38.6499, 41.9132, 12.5318



10.3324, 10.5962, 10.5626



15.8460, 9.9777, 1.0907



0.7481, 0.5580, 0.0683

Inverse Universe

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



24.5620, 29.1711, 55.9654



38.7645, 46.0026, 99.3061



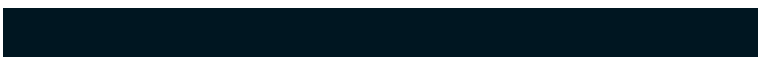
16.8741, 13.7954, 53.4027



10.0860, 10.8633, 12.8501



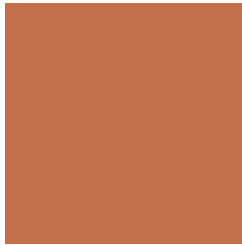
11.8562, 13.4690, 35.5315



0.5725, 0.7024, 1.5553

Previews

White Background



This preview shows how the XYZ color 29.6468, 23.9068, 9.5305 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 29.6468, 23.9068, 9.5305 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 29.6468, 23.9068, 9.5305

Background



This preview shows how black text looks on a background with the XYZ color 29.6468, 23.9068, 9.5305.



This preview shows how white text looks on a background with the XYZ color 29.6468, 23.9068,

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

29.6468, 23.9068, 9.5305

Protanopia

22.2196, 24.1402, 11.4711

Deuteranopia

24.3736, 23.8926, 9.2883



Tritanopia

31.8037, 23.9918, 19.4776

Trichromacy



Original Color

29.6468, 23.9068, 9.5305

Protanomaly

24.3105, 23.6358, 10.6780

Deuteranomaly

26.1572, 23.8639, 9.3585

Tritanomaly

30.9509, 23.9618, 15.3057

Monochromacy



Original Color

29.6468, 23.9068, 9.5305

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.0958, 23.1595, 18.5295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6468, 23.9068, 9.5305 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(195, 113, 74)` looks like.

```
.text, #text, p{  
    color:rgb(195, 113, 74)  
}
```

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(195, 113, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 113, 74) }
```

Border

The CSS property to change the border of an element to XYZ 29.6468, 23.9068, 9.5305 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(195, 113, 74) }
```


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

```
.border{ border-color:rgb(195, 113, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 113, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 113, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 113, 74);  
box-shadow:4px 4px 4px 4px rgb(195, 113,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6468, 23.9068, 9.5305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 113, 74) }
```

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

```
.background{ background-color: rgb(195,  
113, 74) }
```

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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