

Converting Colors

XYZ(29.5296, 23.4939, 6.2279)

Have a look what the booklet for
XYZ(29.5296, 23.4939, 6.2279)
contains.

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Color

**XYZ(29.4845, 23.4056,
6.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	C66E34
RGB	198, 110, 52
RGB Percent	78%, 43%, 20%
CMY	0.2235, 0.5686, 0.7961
CMYK	0.00, 0.44, 0.74, 0.22
HSL	24°, 58%, 49%
HSV	24°, 74%, 78%
XYZ	29.4845, 23.4056, 6.2125
YIQ	129.7000, 71.0660, 0.6180

Conversions

Conversions Part 2

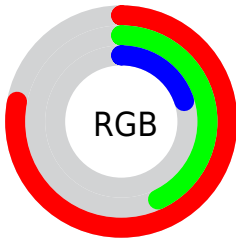
Format	Color
R _Y B	198, 148, 52
Decimal	13004340
CIE Lab	55.49, 30.33, 46.26
CIE LCh	55, 55.318, 56.745
Yxy	23.4056, 0.4989, 0.3960
Android (android.graphics.Color)	4291194420 (0xFFC66E34)
YUV	129.7000, -38.3061, 59.8991
Hunter-Lab	48.3793, 24.1219, 26.2520

Details

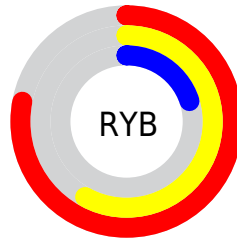
The XYZ color **29.4845, 23.4056, 6.2125** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **20.9865, 23.5619, 56.8676**, and the grayscale version is **21.2262, 22.3316, 24.3191**.

A 20% lighter version of the original color is **56.7355, 48.4137, 18.9249**, and **12.1500, 8.7408, 1.0468** is the 20% darker color. If you saturate the color by 10%, you get **27.9265, 20.8601, 3.9354**, and if you desaturate by 10%, it is **31.4039, 26.3752, 9.5327**.

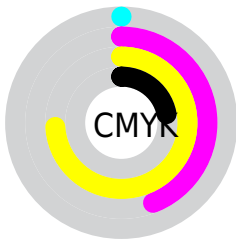
Distribution



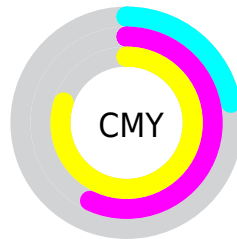
- Red (78%)
- Green (43%)
- Blue (20%)



- Red (78%)
- Yellow (58%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (22%)




- Cyan (22%)
- Magenta (57%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4845, 23.4056, 6.2125 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 29.4845, 23.4056, 6.2125 by changing the saturation by 10% instead.


 29.4845, 23.4056,
6.2125


 29.4845, 23.4056,
6.2125

291.4473,
269.8014, 170.3244

 19.5938, 14.8933,
2.9038


 58.2382, 49.0585,
18.8556


 12.2066, 8.7445,
1.0458


 77.8319, 66.9678,
29.0272

 6.9578, 4.5749,
0.0000


 101.3907, 88.7783,
42.3234

 3.4818, 2.0001,
0.0000

 129.2798,
114.8743, 59.1629

 1.4134, 0.6075,
0.0000

 161.8647,
145.6402, 79.9643

 0.2657, 0.0000,
0.0000

 199.5106,

 0.0000, 0.0000,

181.4604, 105.1459

0.0000

242.5830,
222.7194, 135.1264

■ 29.4845, 23.4056,
6.2125

■ 29.4845, 23.4056,
6.2125

■ 27.9265, 20.8601,
3.9354

■ 31.4039, 26.3752,
9.5327

■ 26.6963, 18.7111,
2.5654

■ 33.7105, 29.7866,
14.0067

■ 26.0604, 17.5494,
2.0138

■ 36.4291, 33.6604,
19.7321

■ 39.5815, 38.0150,
26.7958

■ 43.1882, 42.8673,
35.2766

■ 47.2679, 48.2335,
45.2475

■ 51.8383, 54.1291,
56.7761

■ 56.9163, 60.5686,
69.9261

■ 62.5177, 67.5662,
84.7575

Harmonies

Analogous

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



34.7528, 23.4056, 12.9518



29.4845, 23.4056, 6.2125



22.9336, 23.4056, 4.2844

Triad

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



29.4845, 23.4056, 6.2125



12.3003, 23.4056, 23.5856



28.0855, 23.4056, 70.0496

Complementary

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



29.4845, 23.4056, 6.2125



20.9865, 23.5619, 56.8676

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.



21.5729, 23.4056, 77.3864



29.4845, 23.4056, 6.2125



13.1705, 23.4056, 44.2553

Square

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



29.4845, 23.4056, 6.2125



13.6560, 23.4056, 10.9194



16.3017, 23.4056, 66.2956



33.8449, 23.4056, 49.3120

Rectangle

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



29.4845, 23.4056, 6.2125



18.9698, 23.4056, 4.7250



16.3017, 23.4056, 66.2956



25.8799, 23.4056, 74.4884

Sweetspot

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



29.4850, 23.4068, 6.2129



77.4434, 77.1913, 64.7897



29.4016, 16.4158, 27.2233



16.1753, 15.9892, 12.9059



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.



29.4850, 23.4068, 6.2129



48.1690, 34.7306, 5.4337



40.4255, 45.2877, 9.8597



10.9739, 11.3169, 11.1687



17.0263, 11.5698, 1.3358



0.8766, 0.6887, 0.0867

Inverse Universe

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



20.9865, 23.5619, 56.8676



32.2114, 34.7217, 99.6120



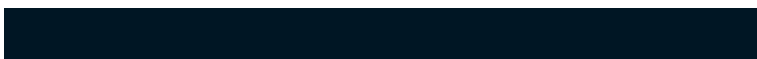
13.7395, 9.0678, 54.4519



10.5795, 11.3330, 13.5474



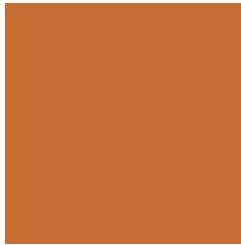
11.0303, 11.4546, 36.3740



0.5916, 0.6811, 1.7454

Previews

White Background



This preview shows how the XYZ color 29.4845, 23.4056, 6.2125 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 29.4845, 23.4056, 6.2125 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 29.4845, 23.4056, 6.2125

Background



This preview shows how black text looks on a background with the XYZ color 29.4845, 23.4056, 6.2125.



This preview shows how white text looks on a background with the XYZ color 29.4845, 23.4056,

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

29.4845, 23.4056, 6.2125

Protanopia

21.5273, 23.6619, 7.5703

Deuteranopia

24.0388, 23.5995, 5.9775



Tritanopia

31.9070, 23.4658, 17.8866

Trichromacy



Original Color

29.4845, 23.4056, 6.2125

Protanomaly

23.7733, 23.0597, 6.9394

Deuteranomaly

25.7518, 23.3615, 6.0577

Tritanomaly

30.8189, 23.3256, 12.5508

Monochromacy



Original Color

29.4845, 23.4056, 6.2125

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.9988, 22.0938, 15.6227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4845, 23.4056, 6.2125 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(198, 110, 52)` looks like.

```
.text, #text, p{  
    color:rgb(198, 110, 52)  
}
```

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(198, 110, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 110, 52) }
```

Border

The CSS property to change the border of an element to XYZ 29.4845, 23.4056, 6.2125 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(198, 110, 52) }
```


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

```
.border{ border-color:rgb(198, 110, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 110, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 110, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 110, 52);  
box-shadow:4px 4px 4px 4px rgb(198, 110,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4845, 23.4056, 6.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 110, 52) }
```

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

```
.background{ background-color: rgb(198,  
110, 52) }
```

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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