

Converting Colors

XYZ(29.1365, 22.3911, 5.9065)

Have a look what the booklet for
XYZ(29.1365, 22.3911, 5.9065)
contains.

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Color

**XYZ(29.2023, 22.4843,
5.9327)**

Conversions

Conversions Part 1

Format	Color
Hex	C76933
RGB	199, 105, 51
RGB Percent	78%, 41%, 20%
CMY	0.2196, 0.5882, 0.8000
CMYK	0.00, 0.47, 0.74, 0.22
HSL	22°, 59%, 49%
HSV	22°, 74%, 78%
XYZ	29.2023, 22.4843, 5.9327
YIQ	126.9500, 73.3580, 3.1340

Conversions

Conversions Part 2

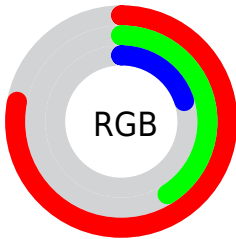
Format	Color
RYB	199, 136, 51
Decimal	13068595
CIELab	54.54, 33.35, 45.79
CIELCh	55, 56.650, 53.937
Yxy	22.4843, 0.5068, 0.3902
Android (android.graphics.Color)	4291258675 (0xFFC76933)
YUV	126.9500, -37.4433, 63.1879
Hunter-Lab	47.4176, 26.9490, 25.7742

Details

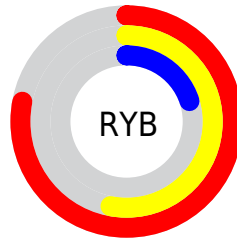
The XYZ color **29.2023, 22.4843, 5.9327** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **21.7986, 25.0764, 57.7238**, and the grayscale version is **20.2632, 21.3184, 23.2158**.

A 20% lighter version of the original color is **55.5972, 46.2940, 18.0619**, and **12.0136, 8.2213, 0.9537** is the 20% darker color. If you saturate the color by 10%, you get **27.6608, 19.9597, 3.6981**, and if you desaturate by 10%, it is **31.1239, 25.4690, 9.2202**.

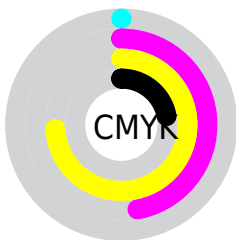
Distribution



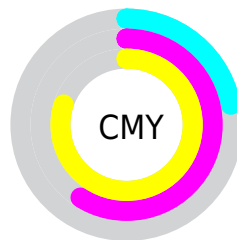
- Red (78%)
- Green (41%)
- Blue (20%)



- Red (78%)
- Yellow (53%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)
- Black (22%)





- Cyan (22%)
- Magenta (59%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2023, 22.4843, 5.9327 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 29.2023, 22.4843, 5.9327 by changing the saturation by 10% instead.


 29.2023, 22.4843,
5.9327


 29.2023, 22.4843,
5.9327


290.1453,
265.0651, 167.7542

 19.3790, 14.2132,
2.7361


 57.7937, 47.5451,
18.2663


 12.0501, 8.2691,
0.9615


 77.2924, 65.1037,
28.2403

 6.8502, 4.2676,
0.0000


 100.7470, 86.5268,
41.3106

 3.4141, 1.8244,
0.0000

 128.5229,
112.1989, 57.8956

 1.3763, 0.5023,
0.0000

 160.9852,
142.5044, 78.4140

 0.2393, 0.0000,
0.0000

 198.4995,

 0.0000, 0.0000,

177.8276, 103.2842

0.0000

241.4311,
218.5531, 132.9247

■ 29.2023, 22.4843,
5.9327

■ 29.2023, 22.4843,
5.9327

■ 27.6608, 19.9597,
3.6981

■ 31.1239, 25.4690,
9.2202

■ 26.4635, 17.8645,
2.3762

■ 33.4531, 28.9346,
13.6744

■ 25.9104, 16.8568,
1.8881

■ 36.2165, 32.9045,
19.3952

■ 39.4375, 37.3994,
26.4715

■ 43.1377, 42.4387,
34.9840

■ 47.3374, 48.0408,
45.0072

■ 52.0553, 54.2232,
56.6103

■ 57.3095, 61.0024,
69.8581

■ 63.1169, 68.3944,
84.8119

Harmonies

Analogous

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



34.2538, 22.4843, 13.0591



29.2023, 22.4843, 5.9327



22.6574, 22.4843, 3.7867

Triad

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



29.2023, 22.4843, 5.9327



11.5569, 22.4843, 21.0428



26.5929, 22.4843, 70.9526

Complementary

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



29.2023, 22.4843, 5.9327



21.7986, 25.0764, 57.7238

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.



20.1335, 22.4843, 76.6929



29.2023, 22.4843, 5.9327



12.2062, 22.4843, 41.1506

Square

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



29.2023, 22.4843, 5.9327



13.0956, 22.4843, 9.3598



15.0816, 22.4843, 63.8575



32.5546, 22.4843, 50.6484

Rectangle

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



29.2023, 22.4843, 5.9327



18.6207, 22.4843, 4.0267



15.0816, 22.4843, 63.8575



24.3788, 22.4843, 74.9597

Sweetspot

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



29.2028, 22.4855, 5.9331



76.9656, 76.2358, 64.6304



30.0191, 16.6227, 29.3124



16.0634, 15.7653, 12.8686



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.



29.2028, 22.4855, 5.9331



47.1199, 32.6835, 4.9268



39.8332, 43.7462, 9.4766



10.9455, 11.2601, 11.1593



16.7378, 10.9927, 1.2396



0.8614, 0.6582, 0.0817

Inverse Universe

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



21.7986, 25.0764, 57.7238



33.3180, 37.0431, 100.0017



14.0698, 9.6189, 55.1475



10.6087, 11.3915, 13.5571



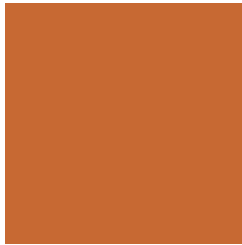
11.5437, 12.4814, 36.5451



0.6138, 0.7254, 1.7528

Previews

White Background



This preview shows how the XYZ color 29.2023, 22.4843, 5.9327 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 29.2023, 22.4843, 5.9327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

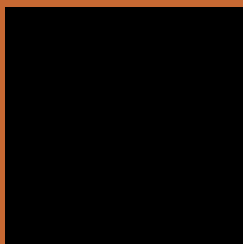
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2023, 22.4843, 5.9327

Background



This preview shows how black text looks on a background with the XYZ color 29.2023, 22.4843, 5.9327.



This preview shows how white text looks on a background with the XYZ color 29.2023, 22.4843,

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

29.2023, 22.4843, 5.9327

Protanopia

20.5828, 22.5681, 7.4089

Deuteranopia

23.0106, 22.5051, 5.7159



Tritanopia

31.4205, 22.5208, 16.3266

Trichromacy



Original Color

29.2023, 22.4843, 5.9327

Protanomaly

23.1904, 22.2039, 6.8049

Deuteranomaly

25.0263, 22.2831, 5.7783

Tritanomaly

30.4208, 22.3968, 11.5238

Monochromacy



Original Color

29.2023, 22.4843, 5.9327

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.9858, 20.8668, 14.6733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2023, 22.4843, 5.9327 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(199, 105, 51)` looks like.

```
.text, #text, p{  
    color:rgb(199, 105, 51)  
}
```

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(199, 105, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 105, 51) }
```

Border

The CSS property to change the border of an element to XYZ 29.2023, 22.4843, 5.9327 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(199, 105, 51) }
```


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

```
.border{ border-color:rgb(199, 105, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 105, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 105, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 105, 51);  
box-shadow:4px 4px 4px 4px rgb(199, 105,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2023, 22.4843, 5.9327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 105, 51) }
```

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

```
.background{ background-color: rgb(199,  
105, 51) }
```

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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