

Converting Colors

XYZ(29.5460, 22.6267, 6.7399)

Have a look what the booklet for
XYZ(29.5460, 22.6267, 6.7399)
contains.

| | |
|--|----|
| XYZ(29.6095, 22.6779, 6.6876) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(29.6095, 22.6779,
6.6876)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C86939 |
| RGB | 200, 105, 57 |
| RGB Percent | 78%, 41%, 22% |
| CMY | 0.2157, 0.5882, 0.7765 |
| CMYK | 0.00, 0.47, 0.71, 0.22 |
| HSL | 20°, 57%, 50% |
| HSV | 20°, 71%, 78% |
| XYZ | 29.6095, 22.6779, 6.6876 |
| YIQ | 127.9330, 72.0280, 5.2120 |

Conversions

Conversions Part 2

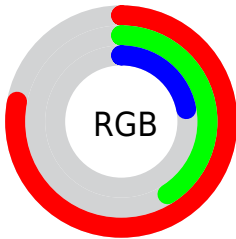
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 200, 129, 57 |
| Decimal | 13134137 |
| CIELab | 54.74, 34.04, 43.05 |
| CIElCh | 55, 54.884, 51.669 |
| Yxy | 22.6779, 0.5021, 0.3845 |
| Android (android.graphics.Color) | 4291324217 (0xFFC86939) |
| YUV | 127.9330, -34.9700, 63.2028 |
| Hunter-Lab | 47.6213, 27.6486, 25.0087 |

Details

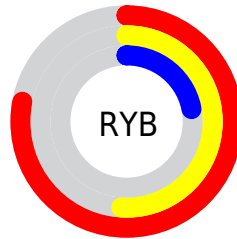
The XYZ color **29.6095, 22.6779, 6.6876** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **23.3401, 27.4948, 58.7201**, and the grayscale version is **20.5952, 21.6677, 23.5962**.

A 20% lighter version of the original color is **56.0684, 46.7543, 19.7050**, and **12.2252, 8.3254, 1.1923** is the 20% darker color. If you saturate the color by 10%, you get **27.9562, 20.0188, 4.1410**, and if you desaturate by 10%, it is **31.6718, 25.8409, 10.3400**.

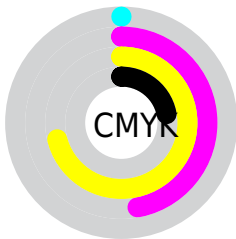
Distribution



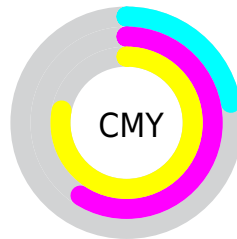
- Red (78%)
- Green (41%)
- Blue (22%)



- Red (78%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (47%)
- Yellow (71%)
- Black (22%)





- Cyan (22%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6095, 22.6779, 6.6876 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 29.6095, 22.6779, 6.6876 by changing the saturation by 10% instead.


 29.6095, 22.6779,
6.6876


 29.6095, 22.6779,
6.6876


292.0226,
266.0663, 174.5733

 19.6890, 14.3559,
3.1920


 58.4350, 47.8639,
19.8440

 12.2761, 8.3686,
1.1935


 78.0706, 65.4966,
30.3419


 7.0055, 4.3317,
0.0000


 101.6753, 87.0017,
44.0110

 3.5119, 1.8608,
0.0000

 129.6145,
112.7636, 61.2698

 1.4299, 0.5246,
0.0000

 162.2534,
143.1665, 82.5369

 0.2774, 0.0000,
0.0000

 199.9575,

 0.0000, 0.0000,

178.5951, 108.2308

0.0000

243.0921,
219.4335, 138.7701

■ 29.6095, 22.6779,
6.6876

■ 29.6095, 22.6779,
6.6876

■ 27.9562, 20.0188,
4.1410

■ 31.6718, 25.8409,
10.3400

■ 26.6758, 17.8305,
2.5660

■ 34.1712, 29.5307,
15.2086

■ 25.8347, 16.3103,
1.7866

■ 37.1349, 33.7729,
21.3917

■ 40.5872, 38.5904,
28.9770

■ 44.5505, 44.0044,
38.0445

■ 49.0460, 50.0353,
48.6684

■ 54.0933, 56.7022,
60.9177

■ 59.7111, 64.0237,
74.8571

■ 65.9172, 72.0171,
90.5481

Harmonies

Analogous

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



34.2822, 22.6779, 14.3155



29.6095, 22.6779, 6.6876



23.2855, 22.6779, 4.2154

Triad

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



29.6095, 22.6779, 6.6876



11.9672, 22.6779, 20.1705



26.1445, 22.6779, 70.4335

Complementary

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



29.6095, 22.6779, 6.6876



23.3401, 27.4948, 58.7201

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.



19.9118, 22.6779, 74.5414



29.6095, 22.6779, 6.6876



12.4462, 22.6779, 39.1597

Square

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



29.6095, 22.6779, 6.6876



13.6526, 22.6779, 9.2512



15.1116, 22.6779, 61.1588



32.0352, 22.6779, 51.6738

Rectangle

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



29.6095, 22.6779, 6.6876



19.2851, 22.6779, 4.3200



15.1116, 22.6779, 61.1588



23.9956, 22.6779, 73.8393

Sweetspot

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



29.6100, 22.6791, 6.6880



77.2787, 76.3843, 66.2069



30.9773, 17.4836, 31.5912



16.1088, 15.7634, 13.1696



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.



29.6100, 22.6791, 6.6880



47.0566, 32.3911, 5.4171



40.1158, 43.6907, 10.1899



10.9200, 11.2091, 11.1508



16.5013, 10.5198, 1.1608



0.8484, 0.6323, 0.0773

Inverse Universe

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



23.3401, 27.4948, 58.7201



35.3685, 40.7925, 100.6174



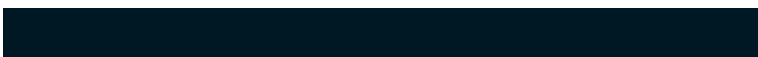
15.0428, 10.9003, 55.9543



10.6352, 11.4445, 13.5660



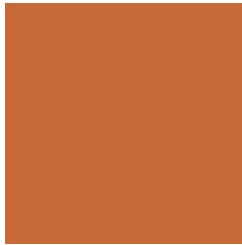
12.0351, 13.4641, 36.7089



0.6347, 0.7671, 1.7598

Previews

White Background



This preview shows how the XYZ color 29.6095, 22.6779, 6.6876 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 29.6095, 22.6779, 6.6876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

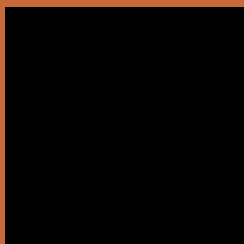
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6095, 22.6779, 6.6876

Background



This preview shows how black text looks on a background with the XYZ color 29.6095, 22.6779, 6.6876.



This preview shows how white text looks on a background with the XYZ color 29.6095, 22.6779,

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

29.6095, 22.6779, 6.6876

Protanopia

20.8825, 22.9039, 8.3213

Deuteranopia

23.2633, 22.8077, 6.4250



Tritanopia

31.6920, 22.6608, 16.3393

Trichromacy



Original Color

29.6095, 22.6779, 6.6876

Protanomaly

23.3461, 22.2662, 7.6248

Deuteranomaly

25.2757, 22.5703, 6.5144

Tritanomaly

30.7723, 22.5685, 11.9668

Monochromacy



Original Color

29.6095, 22.6779, 6.6876

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.4412, 21.2623, 15.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6095, 22.6779, 6.6876 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(200, 105, 57)` looks like.

```
.text, #text, p{  
    color:rgb(200, 105, 57)  
}
```

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(200, 105, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 105, 57) }
```

Border

The CSS property to change the border of an element to XYZ 29.6095, 22.6779, 6.6876 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(200, 105, 57) }
```


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

```
.border{ border-color:rgb(200, 105, 57) }
```

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

Here you see how a box with a 4 pixel rgb(200, 105, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 105, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 105, 57);  
box-shadow:4px 4px 4px 4px rgb(200, 105,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6095, 22.6779, 6.6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 105, 57) }
```

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

```
.background{ background-color: rgb(200,  
105, 57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor