

Converting Colors

XYZ(27.3370, 22.1910, 6.9069)

Have a look what the booklet for
XYZ(27.3370, 22.1910, 6.9069)
contains.

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Color

**XYZ(27.2186, 22.0616,
6.8267)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6D3A
RGB	189, 109, 58
RGB Percent	74%, 43%, 23%
CMY	0.2588, 0.5725, 0.7725
CMYK	0.00, 0.42, 0.69, 0.26
HSL	23°, 53%, 48%
HSV	23°, 69%, 74%
XYZ	27.2186, 22.0616, 6.8267
YIQ	127.1060, 64.0510, 1.0990

Conversions

Conversions Part 2

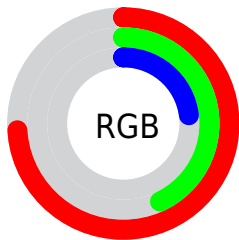
Format	Color
R _Y B	189, 142, 58
Decimal	12414266
CIE Lab	54.09, 27.45, 41.40
CIE LCh	54, 49.668, 56.454
Yxy	22.0616, 0.4851, 0.3932
Android (android.graphics.Color)	4290604346 (0xFFBD6D3A)
YUV	127.1060, -34.0693, 54.2810
Hunter-Lab	46.9698, 21.2422, 24.2615

Details

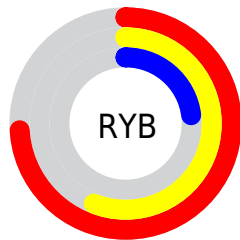
The XYZ color **27.2186, 22.0616, 6.8267** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **20.0180, 22.7491, 51.4797**, and the grayscale version is **20.3078, 21.3654, 23.2670**.

A 20% lighter version of the original color is **54.4656, 46.6910, 20.0515**, and **11.0252, 8.0767, 1.2363** is the 20% darker color. If you saturate the color by 10%, you get **25.6717, 19.6014, 4.3587**, and if you desaturate by 10%, it is **29.1046, 24.9181, 10.2786**.

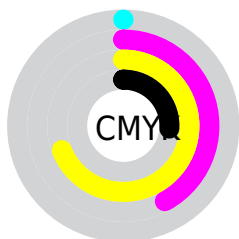
Distribution



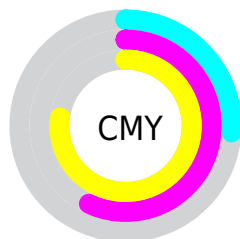
- Red (74%)
- Green (43%)
- Blue (23%)



- Red (74%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (69%)
- Black (26%)





- Cyan (26%)
- Magenta (57%)
- Yellow (77%)
- Black (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2186, 22.0616, 6.8267 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 27.2186, 22.0616, 6.8267 by changing the saturation by 10% instead.


 27.2186, 22.0616,
6.8267


 27.2186, 22.0616,
6.8267


280.8623,
262.8678, 175.7918


 17.8749, 13.9022,
3.2772


 54.6519, 46.8478,
20.1306


 10.9594, 8.0527,
1.2378


 73.4721, 64.2433,
30.7221


 6.1066, 4.1287,
0.0100


 96.1820, 85.4864,
44.4979

 2.9513, 1.7458,
0.0000

 123.1468,
110.9613, 61.8767

 1.1281, 0.4530,
0.0000

 154.7318,
141.0525, 83.2769

 0.0484, 0.0000,
0.0000

 191.3025,

 0.0000, 0.0000,

176.1444, 109.1171

0.0000

233.2242,
216.6214, 139.8159

■ 27.2186, 22.0616,
6.8267

■ 27.2186, 22.0616,
6.8267

■ 25.6717, 19.6014,
4.3587

■ 29.1046, 24.9181,
10.2786

■ 24.4358, 17.5133,
2.7638

■ 31.3515, 28.1861,
14.8065

■ 23.4676, 15.7703,
1.8445

■ 33.9806, 31.8841,
20.4929

■ 23.4074, 15.6614,
1.7892

■ 37.0111, 36.0283,
27.4121

■ 40.4607, 40.6341,
35.6320

■ 44.3458, 45.7158,
45.2155

■ 48.6822, 51.2874,
56.2214

■ 53.4845, 57.3619,
68.7050

■ 58.7669, 63.9521,
82.7188

Harmonies

Analogous

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



31.6572, 22.0616, 13.0955



27.2186, 22.0616, 6.8267



21.6150, 22.0616, 4.9284

Triad

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



27.2186, 22.0616, 6.8267



12.2481, 22.0616, 22.2357



25.9215, 22.0616, 61.4913

Complementary

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



27.2186, 22.0616, 6.8267



20.0180, 22.7491, 51.4797

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.



20.3358, 22.0616, 67.3662



27.2186, 22.0616, 6.8267



13.0060, 22.0616, 39.7785

Square

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



27.2186, 22.0616, 6.8267



13.4768, 22.0616, 11.0903



15.7575, 22.0616, 58.1267



30.8229, 22.0616, 44.3867

Rectangle

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



27.2186, 22.0616, 6.8267



18.1739, 22.0616, 5.3416



15.7575, 22.0616, 58.1267



24.0366, 22.0616, 65.0929

Sweetspot

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



27.2191, 22.0628, 6.8271



71.1529, 71.0383, 60.6432



27.1436, 15.7027, 25.9435



14.9274, 14.7792, 12.1454



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.2191, 22.0628, 6.8271



44.8017, 33.1493, 6.1918



36.8311, 41.2868, 10.0311



9.8266, 10.1292, 10.0139



15.8189, 10.6765, 1.2270



0.6835, 0.5460, 0.0694

Inverse Universe

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



20.0180, 22.7491, 51.4797



30.9700, 34.2243, 91.1999



13.3315, 9.3762, 49.2509



9.4882, 10.1687, 12.1349



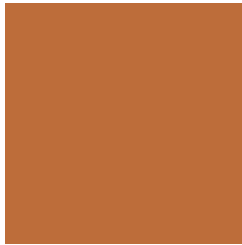
10.4128, 10.9373, 33.9552



0.4697, 0.5520, 1.3507

Previews

White Background



This preview shows how the XYZ color 27.2186, 22.0616, 6.8267 looks on a white background.

Color Contrast Check

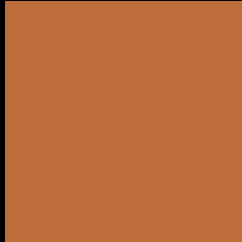
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2186, 22.0616, 6.8267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

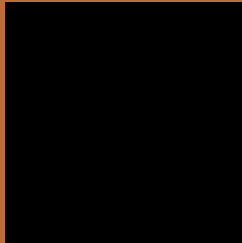
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2186, 22.0616, 6.8267

Background



This preview shows how black text looks on a background with the XYZ color 27.2186, 22.0616, 6.8267.



This preview shows how white text looks on a background with the XYZ color 27.2186, 22.0616,

6.8267.

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

27.2186, 22.0616, 6.8267

Protanopia

20.4384, 22.2762, 8.2235

Deuteranopia

22.4468, 22.0093, 6.5552



Tritanopia

29.4029, 22.0328, 17.4549

Trichromacy



Original Color

27.2186, 22.0616, 6.8267

Protanomaly

22.3262, 21.7405, 7.5770

Deuteranomaly

23.9626, 21.8906, 6.5768

Tritanomaly

28.4258, 21.9348, 12.6332

Monochromacy



Original Color

27.2186, 22.0616, 6.8267

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.6924, 20.8763, 15.4566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2186, 22.0616, 6.8267 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(189, 109, 58)` looks like.

```
.text, #text, p{  
    color:rgb(189, 109, 58)  
}
```

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(189, 109, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 109, 58) }
```

Border

The CSS property to change the border of an element to XYZ 27.2186, 22.0616, 6.8267 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(189, 109, 58) }
```


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

```
.border{ border-color:rgb(189, 109, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 109, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 109, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 109, 58);  
box-shadow:4px 4px 4px 4px rgb(189, 109,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2186, 22.0616, 6.8267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 109, 58) }
```

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

```
.background{ background-color: rgb(189,  
109, 58) }
```

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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