

Converting Colors

XYZ(27.3628, 22.0489, 6.6537)

Have a look what the booklet for
XYZ(27.3628, 22.0489, 6.6537)
contains.

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Color

**XYZ(27.3363, 21.9677,
6.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	BE6C39
RGB	190, 108, 57
RGB Percent	75%, 42%, 22%
CMY	0.2549, 0.5764, 0.7765
CMYK	0.00, 0.43, 0.70, 0.25
HSL	23°, 54%, 48%
HSV	23°, 70%, 75%
XYZ	27.3363, 21.9677, 6.6703
YIQ	126.7040, 65.2430, 1.5230

Conversions

Conversions Part 2

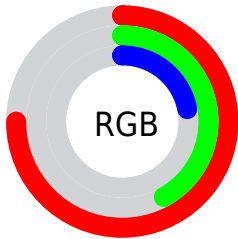
Format	Color
RYB	190, 140, 57
Decimal	12479545
CIELab	53.99, 28.35, 41.83
CIElCh	54, 50.536, 55.876
Yxy	21.9677, 0.4884, 0.3925
Android (android.graphics.Color)	4290669625 (0xFFBE6C39)
YUV	126.7040, -34.3641, 55.5106
Hunter-Lab	46.8697, 22.0864, 24.3709

Details

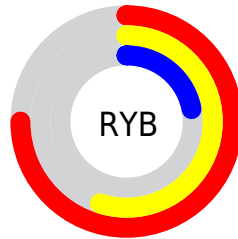
The XYZ color **27.3363, 21.9677, 6.6703** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **20.2136, 23.0514, 52.0989**, and the grayscale version is **20.1703, 21.2207, 23.1093**.

A 20% lighter version of the original color is **54.9560, 46.6914, 19.7515**, and **10.9679, 7.9708, 1.1902** is the 20% darker color. If you saturate the color by 10%, you get **25.7945, 19.5062, 4.2394**, and if you desaturate by 10%, it is **29.2224, 24.8344, 10.0911**.

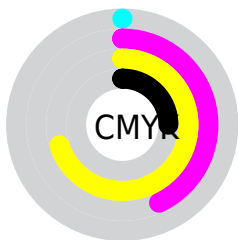
Distribution



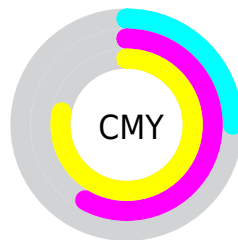
- Red (75%)
- Green (42%)
- Blue (22%)



- Red (75%)
- Yellow (55%)
- Blue (22%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)
- Black (25%)





- Cyan (25%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3363, 21.9677, 6.6703 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 27.3363, 21.9677, 6.6703 by changing the saturation by 10% instead.


 27.3363, 21.9677,
6.6703


 27.3363, 21.9677,
6.6703


281.4197,
262.3776, 174.4210


 17.9638, 13.8332,
3.1815


 54.8391, 46.6926,
19.8083

 11.0236, 8.0047,
1.1880


 73.7002, 64.0518,
30.2945

 6.1501, 4.0980,
0.0000


 96.4549, 85.2546,
43.9502

 2.9781, 1.7285,
0.0000

 123.4686,
110.6855, 61.1940

 1.1422, 0.4420,
0.0000

 155.1065,
140.7288, 82.4445

 0.0600, 0.0000,
0.0000

 191.7341,

 0.0000, 0.0000,

175.7690, 108.1201

0.0000

233.7167,
216.1905, 138.6394

■ 27.3363, 21.9677,
6.6703

■ 27.3363, 21.9677,
6.6703

■ 25.7945, 19.5062,
4.2394

■ 29.2224, 24.8344,
10.0911

■ 24.5681, 17.4250,
2.6846

■ 31.4753, 28.1225,
14.5961

■ 23.6088, 15.6945,
1.7851

■ 34.1169, 31.8509,
20.2697

■ 23.6087, 15.6943,
1.7850

■ 37.1668, 36.0367,
27.1876

■ 40.6434, 40.6955,
35.4192

■ 44.5634, 45.8425,
45.0284

■ 48.9430, 51.4920,
56.0752

■ 53.7973, 57.6576,
68.6159

■ 59.1408, 64.3525,
82.7038

Harmonies

Analogous

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



31.8145, 21.9677, 13.0555



27.3363, 21.9677, 6.6703



21.6434, 21.9677, 4.7230

Triad

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



27.3363, 21.9677, 6.6703



12.0654, 21.9677, 21.8224



25.8017, 21.9677, 62.4229

Complementary

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



27.3363, 21.9677, 6.6703



20.2136, 23.0514, 52.0989

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.



20.1341, 21.9677, 68.1531



27.3363, 21.9677, 6.6703



12.7904, 21.9677, 39.5763

Square

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



27.3363, 21.9677, 6.6703



13.3425, 21.9677, 10.7116



15.5292, 21.9677, 58.4153



30.8258, 21.9677, 45.0472

Rectangle

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



27.3363, 21.9677, 6.6703



18.1389, 21.9677, 5.0946



15.5292, 21.9677, 58.4153



23.8834, 21.9677, 66.0283

Sweetspot

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



27.3368, 21.9689, 6.6707



72.7614, 72.5638, 62.0423



27.3597, 15.7381, 26.0283



15.5800, 15.4039, 12.6743



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.3368, 21.9689, 6.6707



45.4846, 33.2430, 5.9891



37.2032, 41.7016, 9.9595



9.8220, 10.1201, 10.0123



15.7693, 10.5775, 1.2105



0.6814, 0.5417, 0.0686

Inverse Universe

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



20.2136, 23.0514, 52.0989



31.6429, 35.0630, 93.3792



13.3326, 9.2896, 49.8053



9.4929, 10.1781, 12.1365



10.4983, 11.1084, 33.9837



0.4727, 0.5580, 1.3517

Previews

White Background



This preview shows how the XYZ color 27.3363, 21.9677, 6.6703 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 27.3363, 21.9677, 6.6703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

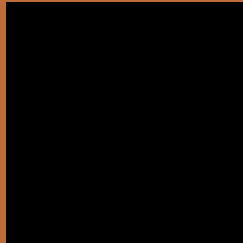
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3363, 21.9677, 6.6703

Background



This preview shows how black text looks on a background with the XYZ color 27.3363, 21.9677, 6.6703.



This preview shows how white text looks on a background with the XYZ color 27.3363, 21.9677,

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

27.3363, 21.9677, 6.6703

Protanopia

20.2357, 22.1751, 8.0642

Deuteranopia

22.4235, 22.0000, 6.4327



Tritanopia

29.5040, 21.9443, 17.1486

Trichromacy



Original Color

27.3363, 21.9677, 6.6703

Protanomaly

22.2990, 21.7296, 7.4338

Deuteranomaly

24.1575, 21.9939, 6.4620

Tritanomaly

28.5340, 21.8453, 12.3855

Monochromacy



Original Color

27.3363, 21.9677, 6.6703

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 27.3363, 21.9677, 6.6703 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(190, 108, 57)` looks like.

```
.text, #text, p{  
    color:rgb(190, 108, 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(190, 108, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 108, 57) }
```

Border

The CSS property to change the border of an element to XYZ 27.3363, 21.9677, 6.6703 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(190, 108, 57) }
```


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

```
.border{ border-color:rgb(190, 108, 57) }
```

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

Here you see how a box with a 4 pixel rgb(190, 108, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 108, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 108, 57);  
box-shadow:4px 4px 4px 4px rgb(190, 108,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3363, 21.9677, 6.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 108, 57) }
```

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

```
.background{ background-color: rgb(190,  
108, 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](#).

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