

Converting Colors

XYZ(27.3043, 19.5977, 3.7825)

Have a look what the booklet for
XYZ(27.3043, 19.5977, 3.7825)
contains.

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Color

**XYZ(27.3043, 19.5977,
3.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	C65B21
RGB	198, 91, 33
RGB Percent	78%, 36%, 13%
CMY	0.2235, 0.6431, 0.8706
CMYK	0.00, 0.54, 0.83, 0.22
HSL	21°, 71%, 45%
HSV	21°, 83%, 78%
XYZ	27.3043, 19.5977, 3.7825
YIQ	116.3810, 82.3900, 4.6460

Conversions

Conversions Part 2

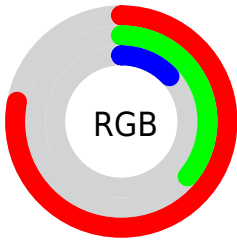
Format	Color
RYB	198, 122, 33
Decimal	12999457
CIELab	51.38, 39.49, 50.91
CIElCh	51, 64.430, 52.204
Yxy	19.5977, 0.5387, 0.3867
Android (android.graphics.Color)	4291189537 (0xFFC65B21)
YUV	116.3810, -41.1068, 71.5799
Hunter-Lab	44.2693, 32.6235, 25.9226

Details

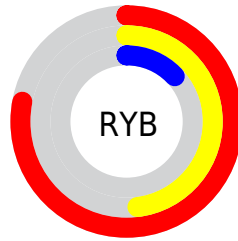
The XYZ color **27.3043, 19.5977, 3.7825** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **20.1976, 23.1553, 56.8306**, and the grayscale version is **16.8229, 17.6990, 19.2742**.

A 20% lighter version of the original color is **52.6238, 41.5295, 13.4260**, and **11.0753, 6.8359, 0.7357** is the 20% darker color. If you saturate the color by 10%, you get **26.0988, 17.5078, 2.3914**, and if you desaturate by 10%, it is **28.8614, 22.1305, 6.0948**.

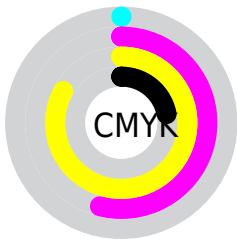
Distribution



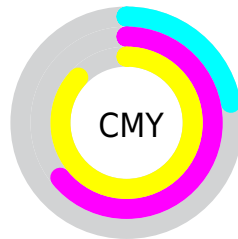
- Red (78%)
- Green (36%)
- Blue (13%)



- Red (78%)
- Yellow (48%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (83%)
- Black (22%)





- Cyan (22%)
- Magenta (64%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3043, 19.5977, 3.7825 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 27.3043, 19.5977, 3.7825 by changing the saturation by 10% instead.


 27.3043, 19.5977,
3.7825


 27.3043, 19.5977,
3.7825


281.2682,
249.7288, 145.7763


 17.9397, 12.1030,
1.5068


 54.7882, 42.7417,
13.5050


 11.0061, 6.8138,
0.2230


 73.6382, 59.1597,
21.7888

 6.1383, 3.3459,
0.0000


 96.3807, 79.3209,
32.9124

 2.9708, 1.3149,
0.0000

 123.3811,
103.6097, 47.2944

 1.1383, 0.1527,
0.0000

 155.0047,
132.4105, 65.3532

 0.0568, 0.0000,
0.0000

 191.6168,

 0.0000, 0.0000,

166.1077, 87.5074

0.0000

233.5829,
205.0857, 114.1756

27.3043, 19.5977,
3.7825

27.3043, 19.5977,
3.7825

26.0988, 17.5078,
2.3914

28.8614, 22.1305,
6.0948

25.4541, 16.3369,
1.8118

30.8027, 25.1308,
9.4616

33.1575, 28.6245,
13.9951

35.9517, 32.6345,
19.7925

39.2087, 37.1820,
26.9408

■ 42.9503, 42.2871,
35.5192

■ 47.1966, 47.9687,
45.6009

■ 51.9666, 54.2445,
57.2536

■ 57.2782, 61.1319,
70.5414

Harmonies

Analogous

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



32.6236, 19.5977, 10.5370



27.3043, 19.5977, 3.7825



20.3597, 19.5977, 1.9511

Triad

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



27.3043, 19.5977, 3.7825



8.8464, 19.5977, 16.8758



23.7157, 19.5977, 73.9778

Complementary

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



27.3043, 19.5977, 3.7825



20.1976, 23.1553, 56.8306

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.



16.9955, 19.5977, 79.3837



27.3043, 19.5977, 3.7825



9.3454, 19.5977, 37.7644

Square

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



27.3043, 19.5977, 3.7825



10.4479, 19.5977, 6.1376



12.0156, 19.5977, 63.4855



30.2408, 19.5977, 51.3309

Rectangle

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



27.3043, 19.5977, 3.7825



16.1273, 19.5977, 2.0489



12.0156, 19.5977, 63.4855



21.3725, 19.5977, 78.2506

Sweetspot

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



27.3047, 19.5988, 3.7828



74.6324, 72.9544, 59.5826



28.5846, 14.9944, 26.2955



15.4609, 14.9163, 11.5706



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.



27.3047, 19.5988, 3.7828



44.8663, 28.5125, 3.1388



38.5546, 42.0986, 7.5328



10.9338, 11.2368, 11.1554



16.6269, 10.7709, 1.2027



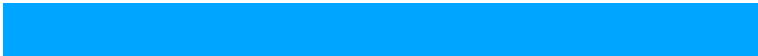
0.8554, 0.6462, 0.0796

Inverse Universe

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



20.1976, 23.1553, 56.8306



31.5693, 34.2587, 99.5564



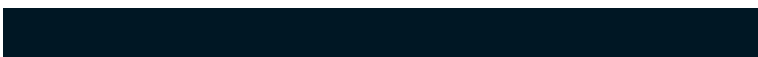
12.3208, 7.4017, 54.2050



10.6208, 11.4157, 13.5612



11.7651, 12.9241, 36.6189



0.6233, 0.7443, 1.7560

Previews

White Background



This preview shows how the XYZ color 27.3043, 19.5977, 3.7825 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 27.3043, 19.5977, 3.7825 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 27.3043, 19.5977, 3.7825

Background



This preview shows how black text looks on a background with the XYZ color 27.3043, 19.5977, 3.7825.



This preview shows how white text looks on a background with the XYZ color 27.3043, 19.5977,

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

27.3043, 19.5977, 3.7825

Protanopia

17.9644, 19.7293, 4.9591

Deuteranopia

20.0142, 19.7453, 3.4658



Tritanopia

28.9562, 19.5317, 12.1414

Trichromacy



Original Color

27.3043, 19.5977, 3.7825

Protanomaly

20.5315, 18.9824, 4.4156

Deuteranomaly

22.3326, 19.4532, 3.4975

Tritanomaly

28.0669, 19.4007, 8.0598

Monochromacy



Original Color

27.3043, 19.5977, 3.7825

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.7915, 17.2983, 11.1526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3043, 19.5977, 3.7825 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, 91, 33)` looks like.

```
.text, #text, p{  
    color:rgb(198, 91, 33)  
}
```

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, 91, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 91, 33) }
```

Border

The CSS property to change the border of an element to XYZ 27.3043, 19.5977, 3.7825 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, 91, 33) }
```


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

```
.border{ border-color:rgb(198, 91, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 91, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 91, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 91, 33);  
box-shadow:4px 4px 4px 4px rgb(198, 91,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3043, 19.5977, 3.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 91, 33) }
```

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

```
.background{ background-color: rgb(198, 91,  
33) }
```

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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