

Converting Colors

XYZ(27.1113, 17.4132, 2.6087)

Have a look what the booklet for
XYZ(27.1113, 17.4132, 2.6087)
contains.

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Color

**XYZ(27.0722, 17.3817,
2.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	CB4814
RGB	203, 72, 20
RGB Percent	80%, 28%, 8%
CMY	0.2039, 0.7176, 0.9216
CMYK	0.00, 0.65, 0.90, 0.20
HSL	17°, 82%, 44%
HSV	17°, 90%, 80%
XYZ	27.0722, 17.3817, 2.5900
YIQ	105.2410, 94.7680, 11.6000

Conversions

Conversions Part 2

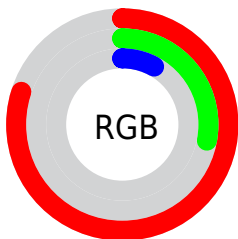
Format	Color
R_{YB}	203, 93, 20
Decimal	13322260
CIE Lab	48.74, 49.94, 54.10
CIE LCh	49, 73.622, 47.291
Yxy	17.3817, 0.5755, 0.3695
Android (android.graphics.Color)	4291512340 (0xFFFCB4814)
YUV	105.2410, -42.0238, 85.7346
Hunter-Lab	41.6914, 42.9487, 25.5007

Details

The XYZ color **27.0722, 17.3817, 2.5900** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **22.1336, 26.5917, 60.4656**, and the grayscale version is **13.5860, 14.2935, 15.5656**.

A 20% lighter version of the original color is **49.8382, 36.6366, 10.4061**, and **11.0605, 5.8147, 0.5394** is the 20% darker color. If you saturate the color by 10%, you get **26.1259, 15.6913, 1.6517**, and if you desaturate by 10%, it is **28.3876, 19.5937, 4.3204**.

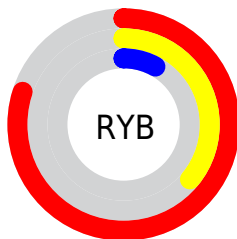
Distribution



Red (80%)

Green (28%)

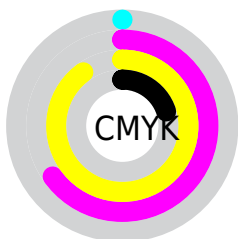
Blue (8%)



Red (80%)

Yellow (36%)

Blue (8%)

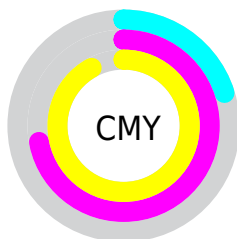


Cyan (0%)

Magenta (65%)

Yellow (90%)

Black (20%)



Cyan (20%)


Magenta (72%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0722, 17.3817, 2.5900 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 27.0722, 17.3817, 2.5900 by changing the saturation by 10% instead.


 27.0722, 17.3817,
2.5900


 27.0722, 17.3817,
2.5900


280.1677,
237.3625, 130.9540


 17.7643, 10.5070,
0.8873


 54.4188, 38.9809,
10.5988

 10.8796, 5.7364,
0.0000


 73.1882, 54.4742,
17.7440


 6.0526, 2.6855,
0.0000


 95.8421, 73.6091,
27.5410

 2.9181, 0.9698,
0.0000

 122.7460, 96.7701,
40.4086

 1.1106, 0.0000,
0.0000

 154.2651,
124.3416, 56.7651

 0.0339, 0.0000,
0.0000

 190.7649,

 0.0000, 0.0000,

156.7078, 77.0291

0.0000

232.6106,
194.2534, 101.6193

27.0722, 17.3817,
2.5900

27.0722, 17.3817,
2.5900

26.1259, 15.6913,
1.6517

28.3876, 19.5937,
4.3204

30.1205, 22.3500,
7.0854

32.3094, 25.6880,
11.0208

34.9875, 29.6404,
16.2411

38.1844, 34.2372,
22.8470

■ 41.9275, 39.5065,
30.9292

■ 46.2420, 45.4745,
40.5704

■ 51.1514, 52.1662,
51.8474

■ 56.6780, 59.6052,
64.8317

Harmonies

Analogous

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



32.4157, 17.3817, 9.8344



27.0722, 17.3817, 2.5900



19.5679, 17.3817, 0.8538

Triad

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



27.0722, 17.3817, 2.5900



6.7661, 17.3817, 11.8243



20.7201, 17.3817, 81.9305

Complementary

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



27.0722, 17.3817, 2.5900



22.1336, 26.5917, 60.4656

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.



13.8077, 17.3817, 84.0059



27.0722, 17.3817, 2.5900



6.9164, 17.3817, 32.3813

Square

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



27.0722, 17.3817, 2.5900



8.6546, 17.3817, 3.1938



9.1439, 17.3817, 61.9363



28.1126, 17.3817, 57.3864

Rectangle

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



27.0722, 17.3817, 2.5900



14.9163, 17.3817, 0.7693



9.1439, 17.3817, 61.9363



18.2364, 17.3817, 85.6773

Sweetspot

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



27.0726, 17.3827, 2.5903



72.1220, 68.8177, 56.0199



30.4767, 15.4361, 30.7153



14.9304, 14.0244, 10.8728



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.



27.0726, 17.3827, 2.5903



43.5877, 25.9555, 2.7126



37.9141, 39.0658, 6.2041



11.4676, 11.7242, 11.7380



16.6942, 10.1214, 1.0737



0.9268, 0.6532, 0.0772

Inverse Universe

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



22.1336, 26.5917, 60.4656



34.8871, 40.8942, 100.6624



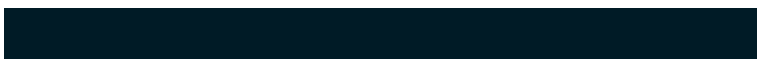
12.6656, 7.6559, 57.3096



11.2634, 12.1672, 14.3252



13.4148, 15.8535, 38.3093



0.7546, 0.9430, 1.9972

Previews

White Background



This preview shows how the XYZ color 27.0722, 17.3817, 2.5900 looks on a white background.

Color Contrast Check

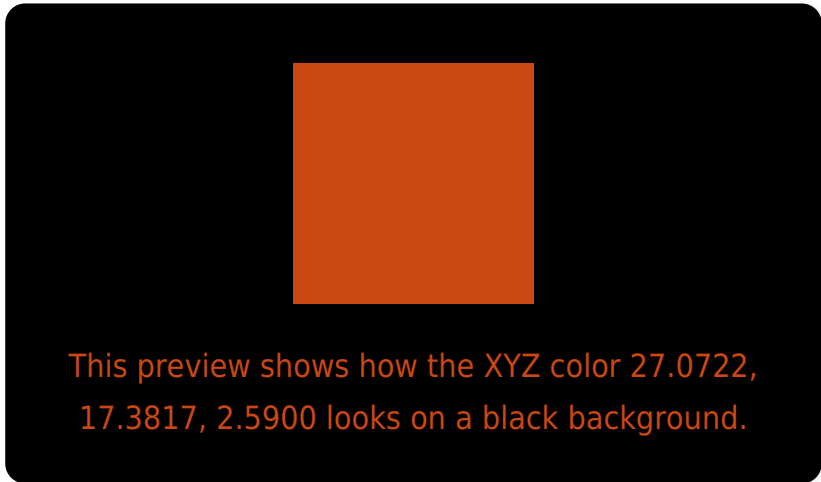
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 27.0722, 17.3817, 2.5900

Background



This preview shows how black text looks on a background with the XYZ color 27.0722, 17.3817, 2.5900.



This preview shows how white text looks on a background with the XYZ color 27.0722, 17.3817,

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

27.0722, 17.3817, 2.5900

Protanopia

15.9687, 17.6468, 3.8609

Deuteranopia

17.7171, 17.5719, 2.4579



Tritanopia

28.0463, 17.3066, 7.8235

Trichromacy



Original Color

27.0722, 17.3817, 2.5900

Protanomaly

18.7561, 16.5546, 3.2437

Deuteranomaly

20.2494, 16.7802, 2.3727

Tritanomaly

27.6498, 17.3415, 5.1388

Monochromacy



Original Color

27.0722, 17.3817, 2.5900

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.1349, 13.9858, 8.3277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0722, 17.3817, 2.5900 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(203, 72, 20)` looks like.

```
.text, #text, p{  
    color:rgb(203, 72, 20)  
}
```

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(203, 72, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 72, 20) }
```

Border

The CSS property to change the border of an element to XYZ 27.0722, 17.3817, 2.5900 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(203, 72, 20) }
```


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

```
.border{ border-color:rgb(203, 72, 20) }
```

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

Here you see how a box with a 4 pixel rgb(203, 72, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 72, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 72, 20);  
box-shadow:4px 4px 4px 4px rgb(203, 72,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0722, 17.3817, 2.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 72, 20) }
```

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

```
.background{ background-color: rgb(203, 72,  
20) }
```

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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