

Converting Colors

XYZ(27.0747, 20.7708, 5.8189)

Have a look what the booklet for
XYZ(27.0747, 20.7708, 5.8189)
contains.

XYZ(27.0117, 20.7618, 5.8326)	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(27.0117, 20.7618,
5.8326)**

Conversions

Conversions Part 1

Format	Color
Hex	C06534
RGB	192, 101, 52
RGB Percent	75%, 40%, 20%
CMY	0.2471, 0.6039, 0.7961
CMYK	0.00, 0.47, 0.73, 0.25
HSL	21°, 57%, 48%
HSV	21°, 73%, 75%
XYZ	27.0117, 20.7618, 5.8326
YIQ	122.6230, 69.9650, 4.0530

Conversions

Conversions Part 2

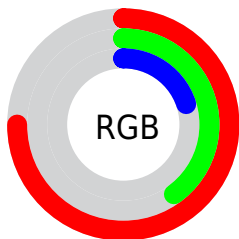
Format	Color
RYB	192, 127, 52
Decimal	12608820
CIELab	52.69, 32.66, 43.03
CIELCh	53, 54.026, 52.801
Yxy	20.7618, 0.5039, 0.3873
Android (android.graphics.Color)	4290798900 (0xFFC06534)
YUV	122.6230, -34.8171, 60.8436
Hunter-Lab	45.5651, 26.0786, 24.3061

Details

The XYZ color **27.0117, 20.7618, 5.8326** 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 **20.7522, 24.1791, 53.4419**, and the grayscale version is **18.7981, 19.7770, 21.5372**.

A 20% lighter version of the original color is **54.2482, 44.6047, 18.0623**, and **10.9173, 7.4491, 0.9486** is the 20% darker color. If you saturate the color by 10%, you get **25.5429, 18.3814, 3.6260**, and if you desaturate by 10%, it is **28.8413, 23.5828, 9.0271**.

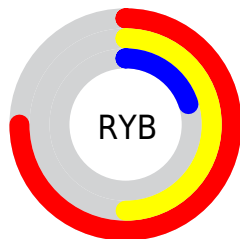
Distribution



Red (75%)

Green (40%)

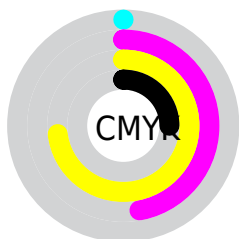
Blue (20%)



Red (75%)

Yellow (50%)

Blue (20%)

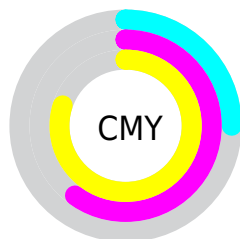


Cyan (0%)

Magenta (47%)

Yellow (73%)

Black (25%)



Cyan (25%)


Magenta (60%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0117, 20.7618, 5.8326 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 27.0117, 20.7618, 5.8326 by changing the saturation by 10% instead.

 27.0117, 20.7618,
5.8326


 27.0117, 20.7618,
5.8326


279.8803,
256.0099, 166.8216


 17.7186, 12.9500,
2.6764


 54.3224, 44.6908,
18.0541


 10.8466, 7.3941,
0.9315


 73.0707, 61.5767,
27.9564

 6.0303, 3.7098,
0.0000


 95.7016, 82.2562,
40.9446

 2.9044, 1.5126,
0.0000

 122.5802,
107.1135, 57.4371

 1.1034, 0.2976,
0.0000

 154.0721,
136.5332, 77.8526

 0.0280, 0.0000,
0.0000

 190.5425,

 0.0000, 0.0000,

170.8995, 102.6094

0.0000

232.3567,
210.5970, 132.1263

■ 27.0117, 20.7618,
5.8326

■ 27.0117, 20.7618,
5.8326

■ 25.5429, 18.3814,
3.6260

■ 28.8413, 23.5828,
9.0271

■ 24.4023, 16.4125,
2.2832

■ 31.0570, 26.8641,
13.3111

■ 23.7575, 15.2454,
1.6905

■ 33.6831, 30.6281,
18.7749

■ 36.7415, 34.8945,
25.4986

■ 40.2521, 39.6820,
33.5554

■ 44.2338, 45.0080,
43.0129

■ 48.7040, 50.8893,
53.9339

■ 53.6795, 57.3418,
66.3776

■ 59.1760, 64.3809,
80.3997

Harmonies

Analogous

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



31.4613, 20.7618, 12.6111



27.0117, 20.7618, 5.8326



21.1184, 20.7618, 3.7080

Triad

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



27.0117, 20.7618, 5.8326



10.8390, 20.7618, 18.9466



24.2230, 20.7618, 64.8027

Complementary

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



27.0117, 20.7618, 5.8326



20.7522, 24.1791, 53.4419

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.



18.4105, 20.7618, 69.2891



27.0117, 20.7618, 5.8326



11.3561, 20.7618, 36.8405

Square

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



27.0117, 20.7618, 5.8326



12.3187, 20.7618, 8.5859



13.8963, 20.7618, 57.2898



29.6498, 20.7618, 46.9442

Rectangle

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



27.0117, 20.7618, 5.8326



17.4353, 20.7618, 3.8675



13.8963, 20.7618, 57.2898



22.2251, 20.7618, 68.1870

Sweetspot

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



27.0122, 20.7629, 5.8330



73.3188, 72.4196, 61.6976



27.9240, 15.6457, 27.5348



15.3359, 15.0044, 12.3195



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.



27.0122, 20.7629, 5.8330



45.0809, 31.2625, 5.0597



36.9207, 40.5799, 9.1358



10.3552, 10.6417, 10.5702



16.0530, 10.3918, 1.1597



0.7587, 0.5793, 0.0718

Inverse Universe

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



20.7522, 24.1791, 53.4419



32.9473, 37.4044, 95.8436



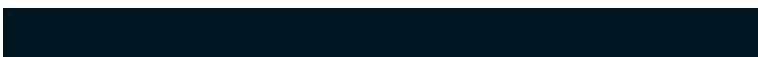
13.3132, 9.3011, 50.9622



10.0622, 10.8158, 12.8421



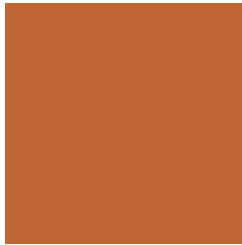
11.3945, 12.5455, 35.3776



0.5549, 0.6673, 1.5494

Previews

White Background



This preview shows how the XYZ color 27.0117, 20.7618, 5.8326 looks on a white background.

Color Contrast Check

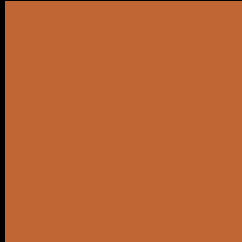
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0117, 20.7618, 5.8326 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 27.0117, 20.7618, 5.8326

Background



This preview shows how black text looks on a background with the XYZ color 27.0117, 20.7618, 5.8326.



This preview shows how white text looks on a background with the XYZ color 27.0117, 20.7618,

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

27.0117, 20.7618, 5.8326

Protanopia

19.0917, 20.8234, 7.2880

Deuteranopia

21.1342, 20.8063, 5.5914



Tritanopia

28.9962, 20.7458, 15.0465

Trichromacy



Original Color

27.0117, 20.7618, 5.8326

Protanomaly

21.3979, 20.3889, 6.6786

Deuteranomaly

23.0371, 20.5781, 5.6635

Tritanomaly

28.1231, 20.6588, 10.8928

Monochromacy



Original Color

27.0117, 20.7618, 5.8326

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.5011, 19.4204, 13.9773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0117, 20.7618, 5.8326 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(192, 101, 52)` looks like.

```
.text, #text, p{  
    color:rgb(192, 101, 52)  
}
```

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(192, 101, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 101, 52) }
```

Border

The CSS property to change the border of an element to XYZ 27.0117, 20.7618, 5.8326 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(192, 101, 52) }
```


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

```
.border{ border-color:rgb(192, 101, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 101, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 101, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 101, 52);  
box-shadow:4px 4px 4px 4px rgb(192, 101,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0117, 20.7618, 5.8326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 101, 52) }
```

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

```
.background{ background-color: rgb(192,  
101, 52) }
```

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