

Converting Colors

XYZ(27.0182, 18.1466, 5.4089)

Have a look what the booklet for
XYZ(27.0182, 18.1466, 5.4089)
contains.

XYZ(27.0645, 18.1365, 5.4424)	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(27.0645, 18.1365,
5.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	C75035
RGB	199, 80, 53
RGB Percent	78%, 31%, 21%
CMY	0.2196, 0.6862, 0.7922
CMYK	0.00, 0.60, 0.73, 0.22
HSL	11°, 58%, 49%
HSV	11°, 73%, 78%
XYZ	27.0645, 18.1365, 5.4424
YIQ	112.5030, 79.5910, 16.8310

Conversions

Conversions Part 2

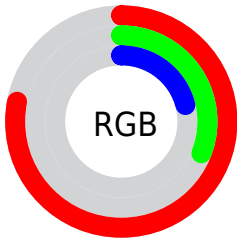
Format	Color
R_{YB}	199, 86, 53
Decimal	13062197
CIE _{Lab}	49.66, 45.92, 39.54
CIE _{LCh}	50, 60.597, 40.726
Yxy	18.1365, 0.5344, 0.3581
Android (android.graphics.Color)	4291252277 (0xFFC75035)
YUV	112.5030, -29.3350, 75.8579
Hunter-Lab	42.5870, 38.9116, 22.2339

Details

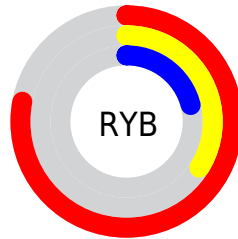
The XYZ color **27.0645, 18.1365, 5.4424** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **26.5282, 34.3828, 59.2709**, and the grayscale version is **15.6172, 16.4305, 17.8928**.

A 20% lighter version of the original color is **51.9765, 38.9746, 17.0953**, and **10.8462, 6.0719, 0.8013** is the 20% darker color. If you saturate the color by 10%, you get **25.6505, 15.8954, 3.1625**, and if you desaturate by 10%, it is **28.9559, 21.0289, 8.8190**.

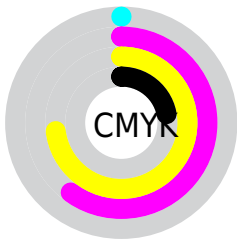
Distribution



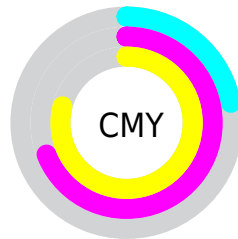
- Red (78%)
- Green (31%)
- Blue (21%)



- Red (78%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (22%)





- Cyan (22%)
- Magenta (69%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0645, 18.1365, 5.4424 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 27.0645, 18.1365, 5.4424 by changing the saturation by 10% instead.

 27.0645, 18.1365,
5.4424


 27.0645, 18.1365,
5.4424


280.1311,
241.6393, 163.1155


 17.7585, 11.0480,
2.4459


 54.4065, 40.2698,
17.2193

 10.8754, 6.0992,
0.8113


 73.1732, 56.0834,
26.8368

 6.0498, 2.9055,
0.0000


 95.8243, 75.5741,
39.4983

 2.9163, 1.0826,
0.0000

 122.7249, 99.1265,
55.6224

 1.1097, 0.0000,
0.0000

 154.2406,
127.1248, 75.6276

 0.0332, 0.0000,
0.0000

 190.7366,

 0.0000, 0.0000,

159.9534, 99.9325

0.0000

232.5783,
197.9968, 128.9556

■ 27.0645, 18.1365,
5.4424

■ 27.0645, 18.1365,
5.4424

■ 25.6505, 15.8954,
3.1625

■ 28.9559, 21.0289,
8.8190

■ 24.6665, 14.2505,
1.8382

■ 31.3635, 24.6157,
13.4080

■ 24.2088, 13.4534,
1.3208

■ 34.3230, 28.9398,
19.3116

■ 37.8667, 34.0396,
26.6205

■ 42.0244, 39.9509,
35.4177

■ 46.8236, 46.7073,
45.7794

■ 52.2904, 54.3402,
57.7768

■ 58.4492, 62.8798,
71.4766

■ 65.3232, 72.3546,
86.9418

Harmonies

Analogous

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



30.5663, 18.1365, 14.4141



27.0645, 18.1365, 5.4424



21.1574, 18.1365, 2.3912

Triad

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



27.0645, 18.1365, 5.4424



8.7564, 18.1365, 11.0208



19.3822, 18.1365, 70.1626

Complementary

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



27.0645, 18.1365, 5.4424



26.5282, 34.3828, 59.2709

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.



13.8356, 18.1365, 67.3526



27.0645, 18.1365, 5.4424



8.4873, 18.1365, 26.2569

Square

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



27.0645, 18.1365, 5.4424



10.9762, 18.1365, 4.1462



10.1350, 18.1365, 48.5036



25.5185, 18.1365, 54.8456

Rectangle

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



27.0645, 18.1365, 5.4424



17.0983, 18.1365, 1.9826



10.1350, 18.1365, 48.5036



17.3789, 18.1365, 71.4546

Sweetspot

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



27.0649, 18.1375, 5.4427



74.4057, 71.1160, 63.7771



32.2950, 17.6759, 40.8569



15.4667, 14.5720, 12.6697



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.



27.0649, 18.1375, 5.4427



43.8065, 26.0057, 3.9796



35.5488, 35.1053, 8.2707



10.7900, 10.9491, 11.1075



15.6143, 8.7458, 0.8651



0.7888, 0.5130, 0.0575

Inverse Universe

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



26.5282, 34.3828, 59.2709



42.5211, 55.3411, 103.0485



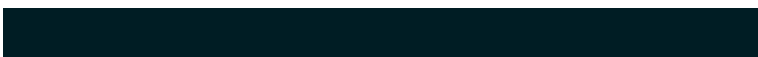
16.2610, 13.8485, 55.8485



10.7735, 11.7210, 13.6121



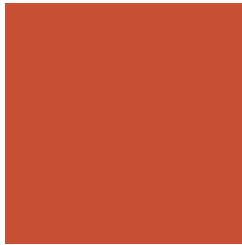
15.0179, 19.4298, 37.7032



0.7556, 1.0090, 1.8001

Previews

White Background



This preview shows how the XYZ color 27.0645, 18.1365, 5.4424 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



This preview shows how the XYZ color 27.0645, 18.1365, 5.4424 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 27.0645, 18.1365, 5.4424

Background



This preview shows how black text looks on a background with the XYZ color 27.0645, 18.1365, 5.4424.



This preview shows how white text looks on a background with the XYZ color 27.0645, 18.1365,

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

27.0645, 18.1365, 5.4424

Protanopia

16.9110, 18.4006, 7.6614

Deuteranopia

18.6110, 18.3034, 5.1368



Tritanopia

27.8891, 18.0423, 9.7972

Trichromacy



Original Color

27.0645, 18.1365, 5.4424

Protanomaly

19.6042, 17.5080, 6.7610

Deuteranomaly

21.1444, 17.7446, 5.2163

Tritanomaly

27.6106, 18.0420, 7.9885

Monochromacy



Original Color

27.0645, 18.1365, 5.4424

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.0436, 15.9920, 12.0333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0645, 18.1365, 5.4424 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(199, 80, 53)` looks like.

```
.text, #text, p{  
    color:rgb(199, 80, 53)  
}
```

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(199, 80, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 80, 53) }
```

Border

The CSS property to change the border of an element to XYZ 27.0645, 18.1365, 5.4424 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(199, 80, 53) }
```


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

```
.border{ border-color:rgb(199, 80, 53) }
```

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

Here you see how a box with a 4 pixel rgb(199, 80, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 80, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 80, 53);  
box-shadow:4px 4px 4px 4px rgb(199, 80,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0645, 18.1365, 5.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 80, 53) }
```

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

```
.background{ background-color: rgb(199, 80,  
53) }
```

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