

Converting Colors

XYZ(27.0816, 18.0523, 9.6465)

Have a look what the booklet for
XYZ(27.0816, 18.0523, 9.6465)
contains.

| | |
|--|----|
| XYZ(27.0816, 18.0523, 9.6465) | 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(27.0816, 18.0523,
9.6465)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C45050 |
| RGB | 196, 80, 80 |
| RGB Percent | 77%, 31%, 31% |
| CMY | 0.2314, 0.6862, 0.6863 |
| CMYK | 0.00, 0.59, 0.59, 0.23 |
| HSL | 0°, 50%, 54% |
| HSV | 0°, 59%, 77% |
| XYZ | 27.0816, 18.0523, 9.6465 |
| YIQ | 114.6840, 69.1360, 24.5920 |

Conversions

Conversions Part 2

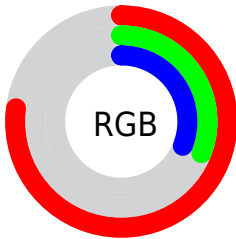
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 196, 80, 80 |
| Decimal | 12865616 |
| CIE Lab | 49.56, 46.43, 23.87 |
| CIE LCh | 50, 52.209, 27.212 |
| Yxy | 18.0523, 0.4944, 0.3295 |
| Android (android.graphics.Color) | 4291055696 (0xFFC45050) |
| YUV | 114.6840, -17.0992, 71.3141 |
| Hunter-Lab | 42.4880, 39.4209, 16.2804 |

Details

The XYZ color **27.0816, 18.0523, 9.6465** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **33.0104, 45.1677, 59.2027**, and the grayscale version is **16.2362, 17.0818, 18.6020**.

A 20% lighter version of the original color is **53.5900, 39.6200, 25.5918**, and **10.9465, 6.0930, 2.1892** is the 20% darker color. If you saturate the color by 10%, you get **25.2284, 15.3409, 5.9621**, and if you desaturate by 10%, it is **29.5653, 21.6871, 14.5833**.

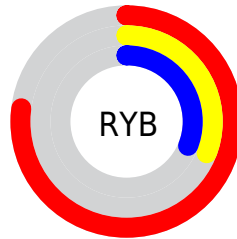
Distribution



Red (77%)

Green (31%)

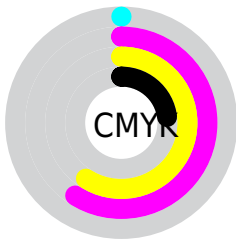
Blue (31%)



Red (77%)

Yellow (31%)

Blue (31%)

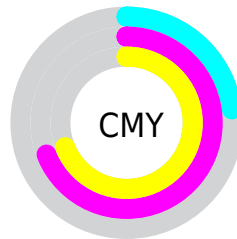


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (23%)



Cyan (23%)


Magenta (69%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0816, 18.0523, 9.6465 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 27.0816, 18.0523, 9.6465 by changing the saturation by 10% instead.


 27.0816, 18.0523,
9.6465


 27.0816, 18.0523,
9.6465


280.2123,
241.1657, 198.5224


 17.7714, 10.9875,
5.0627


 54.4337, 40.1264,
25.7258


 10.8847, 6.0585,
2.2247


 73.2064, 55.9046,
38.0583


 6.0561, 2.8807,
0.6886


 95.8640, 75.3560,
53.8109

 2.9202, 1.0697,
0.0000

 122.7718, 98.8650,
73.4020

 1.1117, 0.0000,
0.0000

 154.2951,
126.8161, 97.2501

 0.0349, 0.0000,
0.0000

190.7995,

 0.0000, 0.0000,

159.5937, 125.7739

0.0000

232.6501,
197.5821, 159.3918

■ 27.0816, 18.0523,
9.6465

■ 27.0816, 18.0523,
9.6465

■ 25.2284, 15.3409,
5.9621

■ 29.5653, 21.6871,
14.5833

■ 23.9480, 13.4672,
3.4169

■ 32.7279, 26.3149,
20.8703

■ 23.1741, 12.3347,
1.8787

■ 36.6147, 32.0024,
28.5971

■ 22.7911, 11.7742,
1.1174

■ 41.2666, 38.8095,
37.8448

■ 22.7650, 11.7360,
1.0654

■ 46.7215, 46.7915,
48.6889

■ 53.0147, 56.0002,
61.1997

■ 60.1796, 66.4844,
75.4434

■ 68.2475, 78.2900,
91.4824

■ 76.5748, 90.4757,
108.0354

Harmonies

Analogous

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



28.5179, 18.0523, 21.0107



27.0816, 18.0523, 9.6465



22.8408, 18.0523, 4.4989

Triad

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



27.0816, 18.0523, 9.6465



10.3406, 18.0523, 8.2880



16.6997, 18.0523, 61.3409

Complementary

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



27.0816, 18.0523, 9.6465



33.0104, 45.1677, 59.2027

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.



12.5061, 18.0523, 52.5950



27.0816, 18.0523, 9.6465



9.3043, 18.0523, 18.3606

Square

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



27.0816, 18.0523, 9.6465



13.1664, 18.0523, 4.0211



10.0141, 18.0523, 34.9265



21.8848, 18.0523, 55.1900

Rectangle

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



27.0816, 18.0523, 9.6465



19.3505, 18.0523, 3.2625



10.0141, 18.0523, 34.9265



15.1380, 18.0523, 59.9772

Sweetspot

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



27.0820, 18.0533, 9.6468



75.5867, 71.5197, 70.2074



35.5973, 21.4586, 54.4901



15.6055, 14.4695, 13.8879



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.



27.0820, 18.0533, 9.6468



44.9205, 26.6460, 9.2454



33.3013, 30.4919, 11.7199



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



33.0104, 45.1677, 59.2027



56.6269, 80.1873, 107.1009



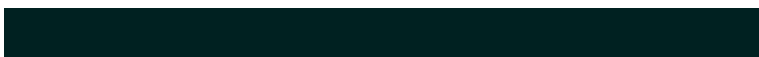
22.3606, 23.8680, 55.6528



10.3685, 11.4284, 12.9442



19.0844, 27.9253, 37.9409



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 27.0816, 18.0523, 9.6465 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 27.0816, 18.0523, 9.6465 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 27.0816, 18.0523, 9.6465

Background



This preview shows how black text looks on a background with the XYZ color 27.0816, 18.0523, 9.6465.



This preview shows how white text looks on a background with the XYZ color 27.0816, 18.0523,

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

27.0816, 18.0523, 9.6465

Protanopia

17.0472, 18.1614, 13.6733

Deuteranopia

18.4689, 18.1443, 9.0074



Tritanopia

27.1612, 17.9678, 10.4241

Trichromacy



Original Color

27.0816, 18.0523, 9.6465

Protanomaly

19.5583, 17.2181, 11.9655

Deuteranomaly

20.8585, 17.5105, 9.1180

Tritanomaly

27.1223, 17.9523, 10.2192

Monochromacy



Original Color

27.0816, 18.0523, 9.6465

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.6512, 16.3913, 14.7512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0816, 18.0523, 9.6465 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(196, 80, 80)` looks like.

```
.text, #text, p{  
    color:rgb(196, 80, 80)  
}
```

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(196, 80, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 80, 80) }
```

Border

The CSS property to change the border of an element to XYZ 27.0816, 18.0523, 9.6465 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(196, 80, 80) }
```


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

```
.border{ border-color:rgb(196, 80, 80) }
```

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

Here you see how a box with a 4 pixel rgb(196, 80, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 80, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 80, 80);  
box-shadow:4px 4px 4px 4px rgb(196, 80,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0816, 18.0523, 9.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 80, 80) }
```

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

```
.background{ background-color: rgb(196, 80,  
80) }
```

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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