

Converting Colors

XYZ(26.9942, 19.7108, 9.3226)

Have a look what the booklet for
XYZ(26.9942, 19.7108, 9.3226)
contains.

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Color

**XYZ(27.0805, 19.7477,
9.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	C05E4D
RGB	192, 94, 77
RGB Percent	75%, 37%, 30%
CMY	0.2471, 0.6313, 0.6980
CMYK	0.00, 0.51, 0.60, 0.25
HSL	9°, 48%, 53%
HSV	9°, 60%, 75%
XYZ	27.0805, 19.7477, 9.4056
YIQ	121.3640, 63.8650, 15.4890

Conversions

Conversions Part 2

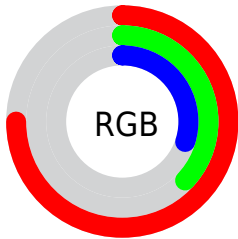
Format	Color
R_{YB}	192, 97, 77
Decimal	12607053
CIE Lab	51.55, 37.84, 28.06
CIE LCh	52, 47.109, 36.552
Yxy	19.7477, 0.4816, 0.3512
Android (android.graphics.Color)	4290797133 (0xFFC05E4D)
YUV	121.3640, -21.8715, 61.9478
Hunter-Lab	44.4384, 31.0097, 18.5579

Details

The XYZ color **27.0805, 19.7477, 9.4056** 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 **27.9040, 36.0414, 55.3549**, and the grayscale version is **18.3466, 19.3020, 21.0199**.

A 20% lighter version of the original color is **54.1897, 42.7596, 25.1360**, and **10.7975, 6.8186, 2.1135** is the 20% darker color. If you saturate the color by 10%, you get **25.1961, 16.9084, 5.9122**, and if you desaturate by 10%, it is **29.4743, 23.2859, 14.0561**.

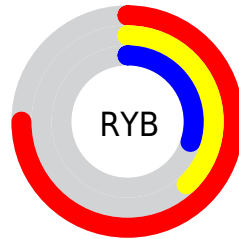
Distribution



Red (75%)

Green (37%)

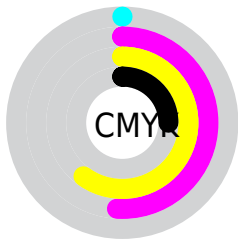
Blue (30%)



Red (75%)

Yellow (38%)

Blue (30%)

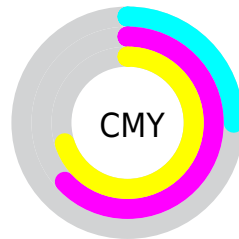


Cyan (0%)

Magenta (51%)

Yellow (60%)

Black (25%)



Cyan (25%)


Magenta (63%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0805, 19.7477, 9.4056 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 27.0805, 19.7477, 9.4056 by changing the saturation by 10% instead.


 27.0805, 19.7477,
9.4056


 27.0805, 19.7477,
9.4056


280.2071,
250.5460, 196.7036


 17.7706, 12.2118,
4.9063


 54.4320, 42.9938,
25.2614

 10.8841, 6.8881,
2.1346


 73.2043, 59.4727,
37.4550


 6.0557, 3.3922,
0.6362


 95.8614, 79.7015,
53.0504

 2.9199, 1.3398,
0.0000

 122.7687,
104.0644, 72.4661

 1.1116, 0.1717,
0.0000

 154.2916,
132.9459, 96.1208

 0.0348, 0.0000,
0.0000

190.7954,

 0.0000, 0.0000,

166.7304, 124.4329

0.0000

232.6455,
205.8023, 157.8210

■ 27.0805, 19.7477,
9.4056

■ 27.0805, 19.7477,
9.4056

■ 25.1961, 16.9084,
5.9122

■ 29.4743, 23.2859,
14.0561

■ 23.7817, 14.7182,
3.4725

■ 32.4100, 27.5620,
19.9527

■ 22.7946, 13.1258,
1.9663

■ 35.9190, 32.6160,
27.1770

■ 22.1680, 12.0643,
1.1660

■ 40.0299, 38.4840,
35.8034

■ 22.1627, 12.0556,
1.1589

■ 44.7692, 45.1999,
45.9005

■ 50.1621, 52.7956,
57.5327

■ 56.2321, 61.3013,
70.7604

■ 63.0018, 70.7459,
85.6408

■ 70.4926, 81.1569,
102.2282

Harmonies

Analogous

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



29.3532, 19.7477, 18.6599



27.0805, 19.7477, 9.4056



22.6331, 19.7477, 5.3488

Triad

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



27.0805, 19.7477, 9.4056



11.5907, 19.7477, 12.7011



19.8285, 19.7477, 59.2343

Complementary

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



27.0805, 19.7477, 9.4056



27.9040, 36.0414, 55.3549

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.



15.3728, 19.7477, 55.4201



27.0805, 19.7477, 9.4056



11.0956, 19.7477, 24.6187

Square

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



27.0805, 19.7477, 9.4056



13.8499, 19.7477, 6.6150



12.3611, 19.7477, 41.0846



24.7349, 19.7477, 50.0095

Rectangle

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



27.0805, 19.7477, 9.4056



19.3228, 19.7477, 4.5578



12.3611, 19.7477, 41.0846



18.2270, 19.7477, 59.4767

Sweetspot

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



27.0810, 19.7488, 9.4059



73.8341, 71.5814, 67.6308



32.2947, 19.6754, 43.5165



15.3343, 14.6377, 13.4394



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.



27.0810, 19.7488, 9.4059



44.7290, 29.2190, 9.0721



33.9575, 33.5018, 11.6981



10.1907, 10.3129, 10.5154



14.9491, 8.1840, 0.7918



0.6852, 0.4322, 0.0473

Inverse Universe

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



27.9040, 36.0414, 55.3549



46.2296, 61.1293, 99.7229



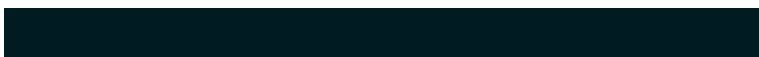
19.1918, 18.6171, 52.4509



10.2375, 11.1664, 12.9006



15.3328, 20.4222, 36.6904



0.6978, 0.9530, 1.5970

Previews

White Background



This preview shows how the XYZ color 27.0805, 19.7477, 9.4056 looks on a white background.

Color Contrast Check

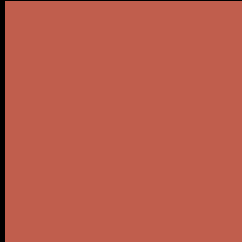
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0805, 19.7477, 9.4056 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 27.0805, 19.7477, 9.4056

Background



This preview shows how black text looks on a background with the XYZ color 27.0805, 19.7477, 9.4056.



This preview shows how white text looks on a background with the XYZ color 27.0805, 19.7477,

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

27.0805, 19.7477, 9.4056

Protanopia

18.5590, 19.8737, 12.3090

Deuteranopia

20.2587, 19.9219, 9.0809



Tritanopia

27.8911, 19.6827, 13.6384

Trichromacy



Original Color

27.0805, 19.7477, 9.4056

Protanomaly

20.7603, 19.1142, 11.1896

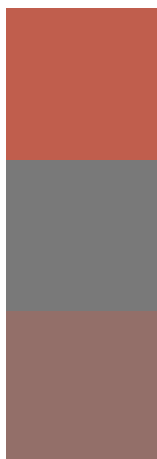
Deuteranomaly

22.2217, 19.4310, 9.0579

Tritanomaly

27.6649, 19.7299, 12.0230

Monochromacy



Original Color

27.0805, 19.7477, 9.4056

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.2669, 18.5918, 15.8850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0805, 19.7477, 9.4056 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, 94, 77)` looks like.

```
.text, #text, p{  
    color:rgb(192, 94, 77)  
}
```

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, 94, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 94, 77) }
```

Border

The CSS property to change the border of an element to XYZ 27.0805, 19.7477, 9.4056 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, 94, 77) }
```


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

```
.border{ border-color:rgb(192, 94, 77) }
```

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

Here you see how a box with a 4 pixel rgb(192, 94, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 94, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 94, 77);  
box-shadow:4px 4px 4px 4px rgb(192, 94,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0805, 19.7477, 9.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 94, 77) }
```

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

```
.background{ background-color: rgb(192, 94,  
77) }
```

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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