

Converting Colors

XYZ(27.0905, 19.1221, 8.9197)

Have a look what the booklet for
XYZ(27.0905, 19.1221, 8.9197)
contains.

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Color

**XYZ(27.0905, 19.1221,
8.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	C2594B
RGB	194, 89, 75
RGB Percent	76%, 35%, 29%
CMY	0.2392, 0.6510, 0.7059
CMYK	0.00, 0.54, 0.61, 0.24
HSL	7°, 49%, 53%
HSV	7°, 61%, 76%
XYZ	27.0905, 19.1221, 8.9197
YIQ	118.7990, 67.0740, 17.9060

Conversions

Conversions Part 2

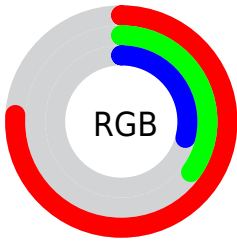
Format	Color
RYB	194, 91, 75
Decimal	12736843
CIELab	50.83, 40.99, 28.36
CIELCh	51, 49.847, 34.680
Yxy	19.1221, 0.4914, 0.3468
Android (android.graphics.Color)	4290926923 (0xFFC2594B)
YUV	118.7990, -21.5929, 65.9513
Hunter-Lab	43.7288, 34.0573, 18.5163

Details

The XYZ color **27.0905, 19.1221, 8.9197** 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 **28.9592, 38.0308, 56.8530**, and the grayscale version is **17.5229, 18.4355, 20.0762**.

A 20% lighter version of the original color is **54.5511, 42.0612, 24.3123**, and **10.8876, 6.5678, 1.9222** is the 20% darker color. If you saturate the color by 10%, you get **25.2623, 16.3714, 5.5189**, and if you desaturate by 10%, it is **29.4532, 22.6181, 13.4976**.

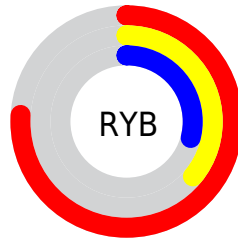
Distribution



Red (76%)

Green (35%)

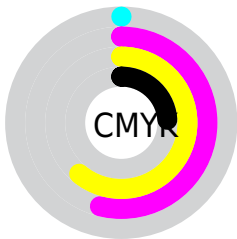
Blue (29%)



Red (76%)

Yellow (36%)

Blue (29%)

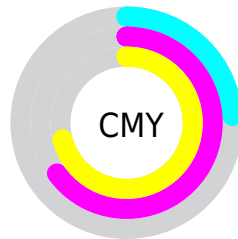


Cyan (0%)

Magenta (54%)

Yellow (61%)

Black (24%)



Cyan (24%)


Magenta (65%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0905, 19.1221, 8.9197 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 27.0905, 19.1221, 8.9197 by changing the saturation by 10% instead.


 27.0905, 19.1221,
8.9197

 27.0905, 19.1221,
8.9197


280.2546,
247.1220, 192.9737


 17.7781, 11.7585,
4.5927


 54.4479, 41.9403,
24.3179


 10.8895, 6.5795,
1.9558


 73.2237, 58.1638,
36.2263


 6.0594, 3.2005,
0.5279


 95.8846, 78.1093,
51.4988

 2.9222, 1.2373,
0.0000

 122.7961,
102.1613, 70.5541

 1.1128, 0.0919,
0.0000

 154.3235,
130.7042, 93.8107

 0.0358, 0.0000,
0.0000

190.8322,

 0.0000, 0.0000,

164.1223, 121.6872

0.0000

232.6874,
202.8001, 154.6020

■ 27.0905, 19.1221,
8.9197

■ 27.0905, 19.1221,
8.9197

■ 25.2623, 16.3714,
5.5189

■ 29.4532, 22.6181,
13.4976

■ 23.9250, 14.3088,
3.1861

■ 32.3867, 26.9051,
19.3464

■ 23.0298, 12.8735,
1.7932

■ 35.9258, 32.0288,
26.5517

■ 22.5511, 12.0755,
1.1422

■ 40.1020, 38.0303,
35.1913

■ 44.9447, 44.9483,
45.3370

■ 50.4813, 52.8190,
57.0560

■ 56.7379, 61.6765,
70.4113

■ 63.7390, 71.5536,
85.4623

■ 71.5081, 82.4812,
102.2658

Harmonies

Analogous

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



29.2938, 19.1221, 18.6930



27.0905, 19.1221, 8.9197



22.5162, 19.1221, 4.7015

Triad

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



27.0905, 19.1221, 8.9197



10.9107, 19.1221, 11.2704



18.9557, 19.1221, 61.0334

Complementary

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



27.0905, 19.1221, 8.9197



28.9592, 38.0308, 56.8530

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.



14.4310, 19.1221, 56.0433



27.0905, 19.1221, 8.9197



10.2998, 19.1221, 23.1040

Square

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



27.0905, 19.1221, 8.9197



13.3177, 19.1221, 5.5673



11.4677, 19.1221, 40.2909



24.0894, 19.1221, 51.8848

Rectangle

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



27.0905, 19.1221, 8.9197



19.0640, 19.1221, 3.8407



11.4677, 19.1221, 40.2909



17.3141, 19.1221, 60.9795

Sweetspot

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



27.0910, 19.1231, 8.9200



75.2045, 72.5508, 69.0773



33.0142, 19.8016, 45.3242



15.9263, 15.1111, 13.9948



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.



27.0910, 19.1231, 8.9200



44.7397, 28.0866, 8.1615



34.1682, 33.2775, 11.2791



10.1666, 10.2646, 10.5073



14.8588, 8.0034, 0.7617



0.6744, 0.4105, 0.0437

Inverse Universe

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



28.9592, 38.0308, 56.8530



48.2902, 65.0539, 102.4813



19.4302, 18.9727, 53.6766



10.2641, 11.2195, 12.9094



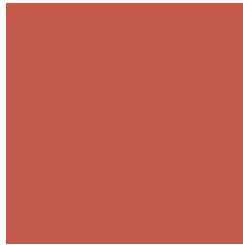
16.0368, 21.8302, 36.9250



0.7221, 1.0016, 1.6052

Previews

White Background



This preview shows how the XYZ color 27.0905, 19.1221, 8.9197 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 27.0905, 19.1221, 8.9197 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 27.0905, 19.1221, 8.9197

Background



This preview shows how black text looks on a background with the XYZ color 27.0905, 19.1221, 8.9197.



This preview shows how white text looks on a background with the XYZ color 27.0905, 19.1221,

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

27.0905, 19.1221, 8.9197

Protanopia

17.9589, 19.2046, 11.9928

Deuteranopia

19.5636, 19.2289, 8.4748



Tritanopia

27.8456, 19.1912, 12.3619

Trichromacy



Original Color

27.0905, 19.1221, 8.9197

Protanomaly

20.3564, 18.4318, 10.6684

Deuteranomaly

21.8408, 18.7753, 8.6037

Tritanomaly

27.6751, 19.2534, 11.0617

Monochromacy



Original Color

27.0905, 19.1221, 8.9197

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.6648, 17.8154, 15.2342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0905, 19.1221, 8.9197 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(194, 89, 75)` looks like.

```
.text, #text, p{  
    color:rgb(194, 89, 75)  
}
```

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(194, 89, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 89, 75) }
```

Border

The CSS property to change the border of an element to XYZ 27.0905, 19.1221, 8.9197 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(194, 89, 75) }
```


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

```
.border{ border-color:rgb(194, 89, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 89, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 89, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 89, 75);  
box-shadow:4px 4px 4px 4px rgb(194, 89,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0905, 19.1221, 8.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 89, 75) }
```

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

```
.background{ background-color: rgb(194, 89,  
75) }
```

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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