

Converting Colors

XYZ(27.1478, 19.4191, 9.6197)

Have a look what the booklet for
XYZ(27.1478, 19.4191, 9.6197)
contains.

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Color

**XYZ(27.1447, 19.3841,
9.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	C15B4F
RGB	193, 91, 79
RGB Percent	76%, 36%, 31%
CMY	0.2431, 0.6431, 0.6902
CMYK	0.00, 0.53, 0.59, 0.24
HSL	6°, 48%, 53%
HSV	6°, 59%, 76%
XYZ	27.1447, 19.3841, 9.7080
YIQ	120.1300, 64.6440, 17.8920

Conversions

Conversions Part 2

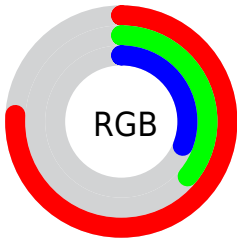
Format	Color
R_{YB}	193, 92, 79
Decimal	12671823
CIE Lab	51.13, 39.90, 26.40
CIE LCh	51, 47.844, 33.489
Yxy	19.3841, 0.4827, 0.3447
Android (android.graphics.Color)	4290861903 (0xFFC15B4F)
YUV	120.1300, -20.2771, 63.9070
Hunter-Lab	44.0274, 33.0047, 17.7458

Details

The XYZ color **27.1447, 19.3841, 9.7080** 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 **29.3730, 38.5582, 56.3463**, and the grayscale version is **17.9431, 18.8776, 20.5577**.

A 20% lighter version of the original color is **54.7426, 42.5759, 25.7548**, and **10.8790, 6.7014, 2.2335** is the 20% darker color. If you saturate the color by 10%, you get **25.2313, 16.5232, 6.0931**, and if you desaturate by 10%, it is **29.6026, 23.0079, 14.5107**.

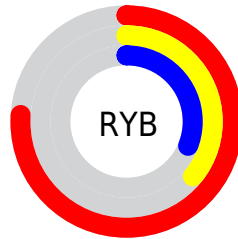
Distribution



Red (76%)

Green (36%)

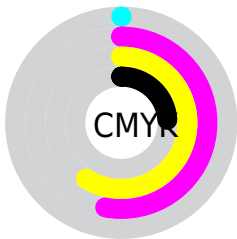
Blue (31%)



Red (76%)

Yellow (36%)

Blue (31%)

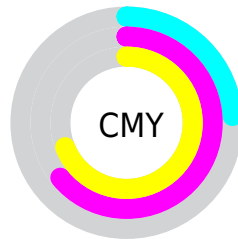


Cyan (0%)

Magenta (53%)

Yellow (59%)

Black (24%)



Cyan (24%)


Magenta (64%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1447, 19.3841, 9.7080 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 27.1447, 19.3841, 9.7080 by changing the saturation by 10% instead.


 27.1447, 19.3841,
9.7080


 27.1447, 19.3841,
9.7080


280.5118,
248.5611, 198.9836


 17.8191, 11.9481,
5.1027


 54.5342, 42.3821,
25.8440

 10.9191, 6.7084,
2.2479


 73.3288, 58.7130,
38.2118

 6.0793, 3.2804,
0.7018


 96.0105, 78.7776,
54.0041

 2.9345, 1.2798,
0.0000

 122.9445,
102.9604, 73.6396

 1.1192, 0.1255,
0.0000

 154.4964,
131.6458, 97.5368

 0.0411, 0.0000,
0.0000

191.0313,

 0.0000, 0.0000,

165.2181, 126.1141

0.0000

232.9146,
204.0617, 159.7902

■ 27.1447, 19.3841,
9.7080

■ 27.1447, 19.3841,
9.7080

■ 25.2313, 16.5232,
6.0931

■ 29.6026, 23.0079,
14.5107

■ 23.8192, 14.3676,
3.5612

■ 32.6409, 27.4406,
20.5917

■ 22.8608, 12.8564,
1.9910

■ 36.2943, 32.7282,
28.0340

■ 22.2878, 11.9127,
1.1764

■ 40.5940, 38.9126,
36.9131

■ 22.2482, 11.8493,
1.1145

■ 45.5695, 46.0325,
47.2993

■ 51.2482, 54.1248,
59.2579

■ 57.6559, 63.2240,
72.8506

■ 64.8174, 73.3632,
88.1356

■ 72.7560, 84.5738,
105.1685

Harmonies

Analogous

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



29.1338, 19.3841, 19.5529



27.1447, 19.3841, 9.7080



22.8116, 19.3841, 5.2805

Triad

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



27.1447, 19.3841, 9.7080



11.3966, 19.3841, 11.4465



18.9858, 19.3841, 59.4900

Complementary

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



27.1447, 19.3841, 9.7080



29.3730, 38.5582, 56.3463

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.



14.6385, 19.3841, 54.2569



27.1447, 19.3841, 9.7080



10.7249, 19.3841, 22.7393

Square

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



27.1447, 19.3841, 9.7080



13.8276, 19.3841, 5.9385



11.8052, 19.3841, 39.0914



23.9405, 19.3841, 51.3223

Rectangle

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



27.1447, 19.3841, 9.7080



19.4798, 19.3841, 4.3198



11.8052, 19.3841, 39.0914



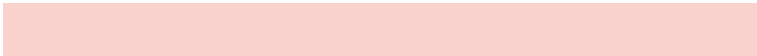
17.4071, 19.3841, 59.2503

Sweetspot

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



27.1452, 19.3851, 9.7083



73.3595, 70.6323, 67.4727



33.1905, 20.2904, 46.2066



15.2208, 14.4107, 13.4016



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.



27.1452, 19.3851, 9.7083



44.3280, 28.2884, 9.3356



33.8996, 32.8941, 11.9598



10.1567, 10.2448, 10.5040



14.8267, 7.9391, 0.7509



0.6699, 0.4016, 0.0422

Inverse Universe

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



29.3730, 38.5582, 56.3463



48.5836, 65.5642, 100.4548



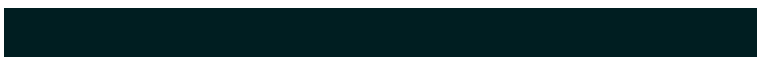
20.1333, 20.0788, 53.2664



10.2750, 11.2413, 12.9131



16.3350, 22.4264, 37.0244



0.7323, 1.0220, 1.6086

Previews

White Background



This preview shows how the XYZ color 27.1447, 19.3841, 9.7080 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 27.1447, 19.3841, 9.7080 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 27.1447, 19.3841, 9.7080

Background



This preview shows how black text looks on a background with the XYZ color 27.1447, 19.3841, 9.7080.



This preview shows how white text looks on a background with the XYZ color 27.1447, 19.3841,

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

27.1447, 19.3841, 9.7080

Protanopia

18.2514, 19.5171, 12.9304

Deuteranopia

19.8101, 19.5129, 9.2008



Tritanopia

27.8861, 19.4403, 13.1091

Trichromacy



Original Color

27.1447, 19.3841, 9.7080

Protanomaly

20.7312, 18.9270, 11.5775

Deuteranomaly

21.9769, 19.1394, 9.3734

Tritanomaly

27.7075, 19.5029, 11.7553

Monochromacy



Original Color

27.1447, 19.3841, 9.7080

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.0511, 18.1602, 15.8131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1447, 19.3841, 9.7080 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(193, 91, 79)` looks like.

```
.text, #text, p{  
    color:rgb(193, 91, 79)  
}
```

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(193, 91, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 91, 79) }
```

Border

The CSS property to change the border of an element to XYZ 27.1447, 19.3841, 9.7080 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(193, 91, 79) }
```


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

```
.border{ border-color:rgb(193, 91, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 91, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 91, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 91, 79);  
box-shadow:4px 4px 4px 4px rgb(193, 91,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1447, 19.3841, 9.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 91, 79) }
```

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

```
.background{ background-color: rgb(193, 91,  
79) }
```

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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