

Converting Colors

XYZ(27.3594, 18.9159, 12.7293)

Have a look what the booklet for
XYZ(27.3594, 18.9159, 12.7293)
contains.

XYZ(27.4209, 18.9620, 12.8045)	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(27.4209, 18.9620,
12.8045)**

Conversions

Conversions Part 1

Format	Color
Hex	C1575E
RGB	193, 87, 94
RGB Percent	76%, 34%, 37%
CMY	0.2431, 0.6588, 0.6314
CMYK	0.00, 0.55, 0.51, 0.24
HSL	356°, 46%, 55%
HSV	356°, 55%, 76%
XYZ	27.4209, 18.9620, 12.8045
YIQ	119.4920, 60.9290, 24.6490

Conversions

Conversions Part 2

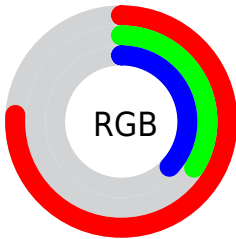
Format	Color
RYB	193, 87, 94
Decimal	12670814
CIELab	50.64, 43.13, 16.92
CIElCh	51, 46.328, 21.415
Yxy	18.9620, 0.4633, 0.3204
Android (android.graphics.Color)	4290860894 (0xFFC1575E)
YUV	119.4920, -12.5676, 64.4665
Hunter-Lab	43.5454, 36.1986, 13.0476

Details

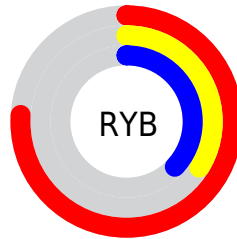
The XYZ color **27.4209, 18.9620, 12.8045** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **31.8645, 43.7117, 53.2151**, and the grayscale version is **17.7164, 18.6390, 20.2979**.

A 20% lighter version of the original color is **54.9201, 41.6524, 31.5307**, and **11.0972, 6.5084, 3.4677** is the 20% darker color. If you saturate the color by 10%, you get **25.3453, 15.9577, 8.5771**, and if you desaturate by 10%, it is **30.1041, 22.8792, 18.1667**.

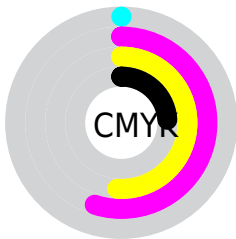
Distribution



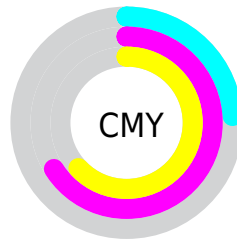
- Red (76%)
- Green (34%)
- Blue (37%)



- Red (76%)
- Yellow (34%)
- Blue (37%)



- Cyan (0%)
- Magenta (55%)
- Yellow (51%)
- Black (24%)





- Cyan (24%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4209, 18.9620, 12.8045 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 27.4209, 18.9620, 12.8045 by changing the saturation by 10% instead.


 27.4209, 18.9620,
12.8045


 27.4209, 18.9620,
12.8045


281.8198,
246.2389, 220.8246


 18.0278, 11.6428,
7.1649


 54.9737, 41.6699,
31.6381

 11.0698, 6.5010,
3.4854


 73.8641, 57.8274,
45.6693

 6.1814, 3.1520,
1.3475


 96.6509, 77.6998,
63.3347

 2.9974, 1.2116,
0.1003

 123.6996,
101.6714, 85.0529

 1.1524, 0.0712,
0.0000

155.3755,
130.1268, 111.2424

 0.0683, 0.0000,
0.0000

192.0439,

 0.0000, 0.0000,

163.4502, 142.3219

0.0000

234.0703,
202.0261, 178.7097

■ 27.4209, 18.9620,
12.8045

■ 27.4209, 18.9620,
12.8045

■ 25.3453, 15.9577,
8.5771

■ 30.1041, 22.8792,
18.1667

■ 23.8283, 13.7897,
5.4019

■ 33.4357, 27.7718,
24.7362

■ 22.8159, 12.3740,
3.1864

■ 37.4550, 33.7002,
32.5809

■ 22.2425, 11.6078,
1.8220

■ 42.1973, 40.7193,
41.7631

■ 22.0632, 11.3658,
1.4029

■ 47.6960, 48.8799,
52.3413

■ 53.9820, 58.2296,
64.3702

■ 61.0846, 68.8135,
77.9018

■ 69.0317, 80.6743,
92.9855

■ 75.8022, 90.0774,
107.9992

Harmonies

Analogous

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



28.0934, 18.9620, 24.6035



27.4209, 18.9620, 12.8045



24.0268, 18.9620, 6.6311

Triad

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



27.4209, 18.9620, 12.8045



12.0296, 18.9620, 8.6591



16.7521, 18.9620, 56.4941

Complementary

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



27.4209, 18.9620, 12.8045



31.8645, 43.7117, 53.2151

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.



13.1129, 18.9620, 46.9672



27.4209, 18.9620, 12.8045



10.7023, 18.9620, 17.1381

Square

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



27.4209, 18.9620, 12.8045



15.0227, 18.9620, 5.0318



11.0625, 18.9620, 31.1730



21.3979, 18.9620, 53.7154

Rectangle

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



27.4209, 18.9620, 12.8045



20.9474, 18.9620, 4.8690



11.0625, 18.9620, 31.1730



15.3840, 18.9620, 54.5171

Sweetspot

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



27.4214, 18.9630, 12.8048



74.3681, 71.1387, 72.4663



33.2679, 21.0984, 52.7709



15.5612, 14.6791, 14.7863



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.



27.4214, 18.9630, 12.8048



44.7388, 27.6389, 14.0070



32.0917, 28.7834, 12.8825



10.0996, 10.0884, 10.6148



14.6856, 7.5640, 0.9906



0.6440, 0.3306, 0.0927

Inverse Universe

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



27.4214, 18.9630, 12.8048



44.7388, 27.6389, 14.0070



24.0012, 26.7658, 54.3532



10.0996, 10.0884, 10.6148



14.6856, 7.5640, 0.9906



0.6440, 0.3306, 0.0927

Previews

White Background



This preview shows how the XYZ color 27.4209, 18.9620, 12.8045 looks on a white background.

Color Contrast Check

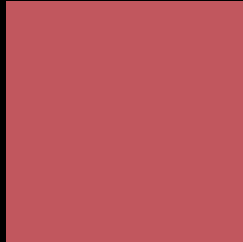
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4209, 18.9620, 12.8045 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 27.4209, 18.9620, 12.8045

Background



This preview shows how black text looks on a background with the XYZ color 27.4209, 18.9620, 12.8045.



This preview shows how white text looks on a background with the XYZ color 27.4209, 18.9620,

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

27.4209, 18.9620, 12.8045

Protanopia

18.2560, 19.2362, 17.5026

Deuteranopia

19.3763, 19.0517, 12.1073



Tritanopia

27.3763, 18.9442, 12.5696

Trichromacy



Original Color

27.4209, 18.9620, 12.8045

Protanomaly

20.5450, 18.4208, 15.5694

Deuteranomaly

21.6378, 18.4355, 12.3155

Tritanomaly

27.3763, 18.9442, 12.5696

Monochromacy



Original Color

27.4209, 18.9620, 12.8045

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.9262, 17.7522, 17.1281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4209, 18.9620, 12.8045 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, 87, 94)` looks like.

```
.text, #text, p{  
    color:rgb(193, 87, 94)  
}
```

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, 87, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 87, 94) }
```

Border

The CSS property to change the border of an element to XYZ 27.4209, 18.9620, 12.8045 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, 87, 94) }
```


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

```
.border{ border-color:rgb(193, 87, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 87, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 87, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 87, 94);  
box-shadow:4px 4px 4px 4px rgb(193, 87,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4209, 18.9620, 12.8045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 87, 94) }
```

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

```
.background{ background-color: rgb(193, 87,  
94) }
```

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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