

Converting Colors

XYZ(26.8059, 18.2121, 11.1193)

Have a look what the booklet for
XYZ(26.8059, 18.2121, 11.1193)
contains.

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Color

**XYZ(26.8059, 18.2121,
11.1193)**

Conversions

Conversions Part 1

Format	Color
Hex	C15357
RGB	193, 83, 87
RGB Percent	76%, 33%, 34%
CMY	0.2431, 0.6745, 0.6588
CMYK	0.00, 0.57, 0.55, 0.24
HSL	358°, 47%, 54%
HSV	358°, 57%, 76%
XYZ	26.8059, 18.2121, 11.1193
YIQ	116.3460, 64.2760, 24.5640

Conversions

Conversions Part 2

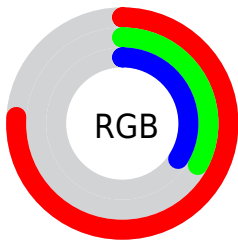
Format	Color
R_{YB}	193, 83, 87
Decimal	12669783
CIE _{Lab}	49.75, 44.48, 19.88
CIE _{LCh}	50, 48.721, 24.085
Yxy	18.2121, 0.4775, 0.3244
Android (android.graphics.Color)	4290859863 (0xFFC15357)
YUV	116.3460, -14.4676, 67.2256
Hunter-Lab	42.6756, 37.4391, 14.4247

Details

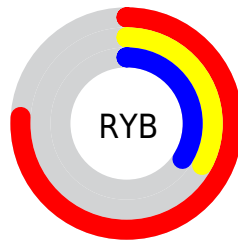
The XYZ color **26.8059, 18.2121, 11.1193** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **31.8237, 43.6535, 54.8960**, and the grayscale version is **16.7366, 17.6082, 19.1753**.

A 20% lighter version of the original color is **53.8275, 40.2971, 28.6080**, and **10.6888, 6.1142, 2.8073** is the 20% darker color. If you saturate the color by 10%, you get **24.8648, 15.3935, 7.1940**, and if you desaturate by 10%, it is **29.3546, 21.9329, 16.2131**.

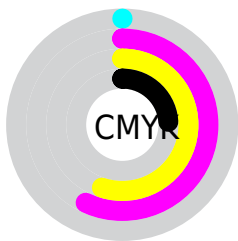
Distribution



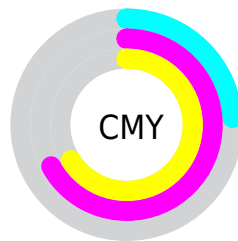
- Red (76%)
- Green (33%)
- Blue (34%)



- Red (76%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (57%)
- Yellow (55%)
- Black (24%)





- Cyan (24%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8059, 18.2121, 11.1193 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 26.8059, 18.2121, 11.1193 by changing the saturation by 10% instead.

 26.8059, 18.2121,
11.1193


 26.8059, 18.2121,
11.1193


278.9008,
242.0638, 209.2509


 17.5633, 11.1024,
6.0320


 53.9943, 40.3984,
28.5206


 10.7347, 6.1357,
2.7954


 72.6709, 56.2438,
41.6716


 5.9547, 2.9278,
0.9911


 95.2229, 75.7698,
58.3476

 2.8580, 1.0942,
0.0000

 122.0156, 99.3609,
78.9671

 1.0791, 0.0000,
0.0000

 153.4143,
127.4015, 103.9486

 0.0075, 0.0000,
0.0000

189.7846,

 0.0000, 0.0000,

160.2759, 133.7107

0.0000

231.4916,
198.3685, 168.6720

■ 26.8059, 18.2121,
11.1193

■ 26.8059, 18.2121,
11.1193

■ 24.8648, 15.3935,
7.1940

■ 29.3546, 21.9329,
16.2131

■ 23.4796, 13.3978,
4.3438

■ 32.5543, 26.6204,
22.5573

■ 22.5922, 12.1373,
2.4624

■ 36.4460, 32.3367,
30.2272

■ 22.1254, 11.4915,
1.4195

■ 41.0670, 39.1380,
39.2921

■ 22.0306, 11.3528,
1.2314

■ 46.4519, 47.0762,
49.8165

■ 52.6331, 56.2000,
61.8606

■ 59.6410, 66.5554,
75.4816

■ 67.5046, 78.1856,
90.7335

■ 75.7047, 90.0384,
107.4854

Harmonies

Analogous

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



27.7945, 18.2121, 22.5830



26.8059, 18.2121, 11.1193



23.0923, 18.2121, 5.4947

Triad

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



26.8059, 18.2121, 11.1193



11.0400, 18.2121, 8.2959



16.4063, 18.2121, 57.6801

Complementary

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



26.8059, 18.2121, 11.1193



31.8237, 43.6535, 54.8960

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.



12.5839, 18.2121, 48.5789



26.8059, 18.2121, 11.1193



9.8623, 18.2121, 17.3101

Square

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



26.8059, 18.2121, 11.1193



13.9166, 18.2121, 4.4492



10.3723, 18.2121, 32.2002



21.2147, 18.2121, 53.5259

Rectangle

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



26.8059, 18.2121, 11.1193



19.8752, 18.2121, 4.0049



10.3723, 18.2121, 32.2002



14.9757, 18.2121, 55.9776

Sweetspot

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



26.8063, 18.2131, 11.1196



73.3061, 69.7350, 69.8920



33.3355, 20.6658, 52.6838



15.3460, 14.3999, 14.2485



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.



26.8063, 18.2131, 11.1196



43.9401, 26.7123, 11.6735



31.8736, 28.6015, 12.0257



10.0877, 10.0837, 10.5523



14.6595, 7.5535, 0.8529



0.6386, 0.3285, 0.0643

Inverse Universe

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



26.8063, 18.2131, 11.1196



43.9401, 26.7123, 11.6735



23.0916, 25.4858, 54.1541



10.0877, 10.0837, 10.5523



14.6595, 7.5535, 0.8529



0.6386, 0.3285, 0.0643

Previews

White Background



This preview shows how the XYZ color 26.8059, 18.2121, 11.1193 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 26.8059, 18.2121, 11.1193 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 26.8059, 18.2121, 11.1193

Background



This preview shows how black text looks on a background with the XYZ color 26.8059, 18.2121, 11.1193.

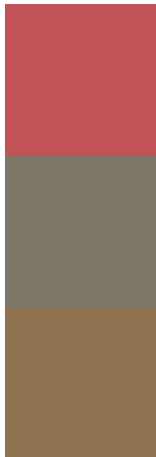


This preview shows how white text looks on a background with the XYZ color 26.8059, 18.2121,

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

26.8059, 18.2121, 11.1193

Protanopia

17.5025, 18.5329, 15.4867

Deuteranopia

18.6956, 18.3946, 10.5478



Tritanopia

26.8470, 18.2286, 11.3360

Trichromacy



Original Color

26.8059, 18.2121, 11.1193

Protanomaly

19.8894, 17.6552, 13.6688

Deuteranomaly

21.1484, 17.9177, 10.7313

Tritanomaly

26.8470, 18.2286, 11.3360

Monochromacy



Original Color

26.8059, 18.2121, 11.1193

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.0017, 16.8498, 15.6154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8059, 18.2121, 11.1193 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, 83, 87)` looks like.

```
.text, #text, p{  
  color:rgb(193, 83, 87)  
}
```

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, 83, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 83, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.8059, 18.2121, 11.1193 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, 83, 87) }
```


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

```
.border{ border-color:rgb(193, 83, 87) }
```

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

Here you see how a box with a 4 pixel rgb(193, 83, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 83, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 83, 87);  
box-shadow:4px 4px 4px 4px rgb(193, 83,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8059, 18.2121, 11.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 83, 87) }
```

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

```
.background{ background-color: rgb(193, 83,  
87) }
```

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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