

Converting Colors

XYZ(26.8968, 19.7020, 13.2117)

Have a look what the booklet for
XYZ(26.8968, 19.7020, 13.2117)
contains.

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Color

**XYZ(26.8968, 19.7020,
13.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5F5F
RGB	188, 95, 95
RGB Percent	74%, 37%, 37%
CMY	0.2627, 0.6274, 0.6274
CMYK	0.00, 0.49, 0.49, 0.26
HSL	0°, 41%, 55%
HSV	0°, 49%, 74%
XYZ	26.8968, 19.7020, 13.2117
YIQ	122.8070, 55.4280, 19.7160

Conversions

Conversions Part 2

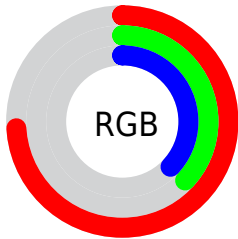
Format	Color
R_{YB}	188, 95, 95
Decimal	12345183
CIE _{Lab}	51.50, 37.32, 17.36
CIE _{LCh}	51, 41.163, 24.949
Yxy	19.7020, 0.4497, 0.3294
Android (android.graphics.Color)	4290535263 (0xFFBC5F5F)
YUV	122.8070, -13.7089, 57.1743
Hunter-Lab	44.3869, 30.4871, 13.4233

Details

The XYZ color **26.8968, 19.7020, 13.2117** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.7785, 42.0279, 54.0141**, and the grayscale version is **18.7947, 19.7734, 21.5333**.

A 20% lighter version of the original color is **53.9023, 42.6859, 32.1863**, and **10.8528, 6.9238, 3.6702** is the 20% darker color. If you saturate the color by 10%, you get **24.6492, 16.4134, 8.7431**, and if you desaturate by 10%, it is **29.7602, 23.8923, 18.9033**.

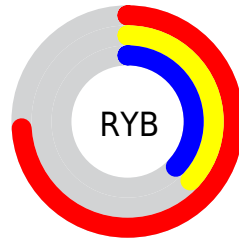
Distribution



Red (74%)

Green (37%)

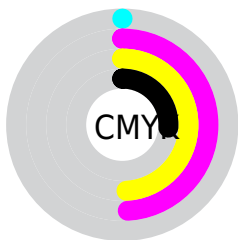
Blue (37%)



Red (74%)

Yellow (37%)

Blue (37%)

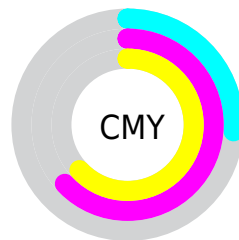


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (26%)



Cyan (26%)


Magenta (63%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8968, 19.7020, 13.2117 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 26.8968, 19.7020, 13.2117 by changing the saturation by 10% instead.


 26.8968, 19.7020,
13.2117


 26.8968, 19.7020,
13.2117


279.3338,
250.2973, 223.5253


 17.6319, 12.1786,
7.4420


 54.1393, 42.9170,
32.3803


 10.7841, 6.8654,
3.6574


 72.8476, 59.3774,
46.6164

 5.9881, 3.3781,
1.4394


 95.4344, 79.5856,
64.5117

 2.8784, 1.3322,
0.1721

 122.2651,
103.9260, 86.4847

 1.0898, 0.1659,
0.0000

153.7050,
132.7829, 112.9541

 0.0166, 0.0000,
0.0000

190.1196,

 0.0000, 0.0000,

166.5409, 144.3382

0.0000

231.8740,
205.5842, 181.0558

■ 26.8968, 19.7020,
13.2117

■ 26.8968, 19.7020,
13.2117

■ 24.6492, 16.4134,
8.7431

■ 29.7602, 23.8923,
18.9033

■ 22.9709, 13.9575,
5.4069

■ 33.2784, 29.0405,
25.8973

■ 21.8113, 12.2607,
3.1019


■ 37.4890, 35.2018,
34.2678


■ 21.1103, 11.2348,
1.7084


■ 42.4262, 42.4263,
44.0828


■ 20.7554, 10.7155,
1.0031


■ 48.1221, 50.7609,
55.4060

 20.7391, 10.6916,
0.9706

 54.6066, 60.2496,
68.2972

 61.9084, 70.9341,
82.8130

 70.0544, 82.8539,
99.0073

 74.5490, 89.4313,
107.9406

Harmonies

Analogous

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



27.8119, 19.7020, 23.5195



26.8968, 19.7020, 13.2117



23.6719, 19.7020, 7.6923

Triad

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



26.8968, 19.7020, 13.2117



12.9439, 19.7020, 10.8547



18.0350, 19.7020, 53.0546

Complementary

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



26.8968, 19.7020, 13.2117



31.7785, 42.0279, 54.0141

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.



14.5222, 19.7020, 46.0038



26.8968, 19.7020, 13.2117



11.8721, 19.7020, 19.5096

Square

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



26.8968, 19.7020, 13.2117



15.5696, 19.7020, 6.7243



12.4045, 19.7020, 32.5576



22.2829, 19.7020, 49.4180

Rectangle

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



26.8968, 19.7020, 13.2117



20.8670, 19.7020, 6.1234



12.4045, 19.7020, 32.5576



16.7370, 19.7020, 51.7981

Sweetspot

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



26.8973, 19.7030, 13.2121



71.5573, 69.0863, 69.2896



33.9083, 22.5067, 50.1339



14.9936, 14.2794, 14.1161



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8973, 19.7030, 13.2121



44.4979, 29.4904, 15.4971



32.4034, 30.7152, 15.0474



9.5302, 9.5365, 9.9151



14.1203, 7.2794, 0.6608



0.5531, 0.2852, 0.0259

Inverse Universe

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



31.7785, 42.0279, 54.0141



54.3368, 74.4898, 97.7403



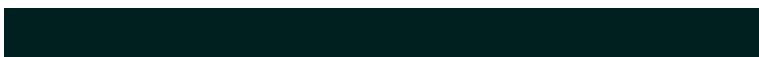
23.3953, 25.2614, 51.2197



9.8086, 10.8095, 12.2417



18.4226, 26.9570, 36.6251



0.7216, 1.0560, 1.4346

Previews

White Background



This preview shows how the XYZ color 26.8968, 19.7020, 13.2117 looks on a white background.

Color Contrast Check

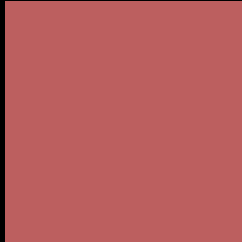
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8968, 19.7020, 13.2117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

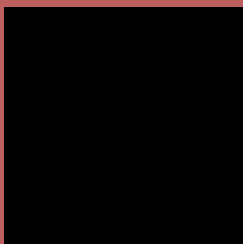
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8968, 19.7020, 13.2117

Background



This preview shows how black text looks on a background with the XYZ color 26.8968, 19.7020, 13.2117.



This preview shows how white text looks on a background with the XYZ color 26.8968, 19.7020,

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

26.8968, 19.7020, 13.2117

Protanopia

18.8430, 19.9158, 17.0383

Deuteranopia

20.2208, 19.8232, 12.6580



Tritanopia

27.0907, 19.6364, 14.6743

Trichromacy



Original Color

26.8968, 19.7020, 13.2117

Protanomaly

20.9310, 19.2736, 15.4489

Deuteranomaly

22.2056, 19.5016, 12.7190

Tritanomaly

26.9939, 19.5976, 14.1644

Monochromacy



Original Color

26.8968, 19.7020, 13.2117

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.9184, 19.2056, 18.2273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8968, 19.7020, 13.2117 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(188, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(188, 95, 95)  
}
```

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(188, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 95, 95) }
```

Border

The CSS property to change the border of an element to XYZ 26.8968, 19.7020, 13.2117 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(188, 95, 95) }
```


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

```
.border{ border-color:rgb(188, 95, 95) }
```

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

Here you see how a box with a 4 pixel rgb(188, 95, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(188, 95,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8968, 19.7020, 13.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 95, 95) }
```

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

```
.background{ background-color: rgb(188, 95,  
95) }
```

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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