

Converting Colors

XYZ(26.0766, 19.2686, 11.8028)

Have a look what the booklet for
XYZ(26.0766, 19.2686, 11.8028)
contains.

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Color

**XYZ(26.1451, 19.3448,
11.8071)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5F59
RGB	186, 95, 89
RGB Percent	73%, 37%, 35%
CMY	0.2706, 0.6274, 0.6510
CMYK	0.00, 0.49, 0.52, 0.27
HSL	4°, 41%, 54%
HSV	4°, 52%, 73%
XYZ	26.1451, 19.3448, 11.8071
YIQ	121.5250, 56.1620, 17.4260

Conversions

Conversions Part 2

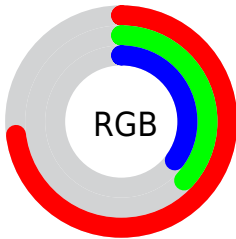
Format	Color
R _{YB}	186, 95, 89
Decimal	12214105
CIE Lab	51.09, 36.00, 20.30
CIE LCh	51, 41.331, 29.411
Yxy	19.3448, 0.4563, 0.3376
Android (android.graphics.Color)	4290404185 (0xFFBA5F59)
YUV	121.5250, -16.0348, 56.5446
Hunter-Lab	43.9827, 29.1378, 14.8716

Details

The XYZ color **26.1451, 19.3448, 11.8071** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.3030, 38.3095, 52.3043**, and the grayscale version is **18.3823, 19.3396, 21.0608**.

A 20% lighter version of the original color is **52.7501, 42.1440, 29.7805**, and **10.4277, 6.7183, 3.0327** is the 20% darker color. If you saturate the color by 10%, you get **24.0609, 16.2724, 7.7336**, and if you desaturate by 10%, it is **28.7796, 23.2021, 17.0378**.

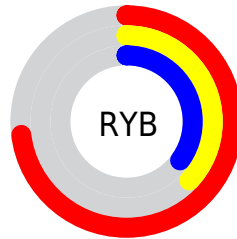
Distribution



Red (73%)

Green (37%)

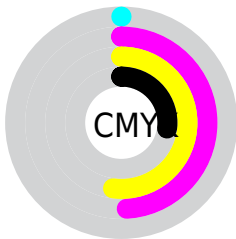
Blue (35%)



Red (73%)

Yellow (37%)

Blue (35%)

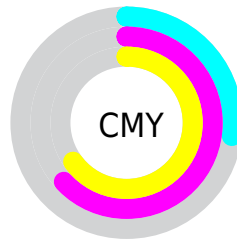


Cyan (0%)

Magenta (49%)

Yellow (52%)

Black (27%)



Cyan (27%)


Magenta (63%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1451, 19.3448, 11.8071 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 26.1451, 19.3448, 11.8071 by changing the saturation by 10% instead.

 26.1451, 19.3448,
11.8071


 26.1451, 19.3448,
11.8071


275.7373,
248.3457, 214.0564


 17.0655, 11.9197,
6.4915


 52.9386, 42.3159,
29.8024

 10.3768, 6.6890,
3.0726


 71.3831, 58.6307,
43.3192


 5.7137, 3.2684,
1.1318


 93.6800, 78.6775,
60.4069

 2.7108, 1.2734,
0.0000

 120.1946,
102.8408, 81.4839

 1.0027, 0.1205,
0.0000

 151.2923,
131.5048, 106.9688

 0.0000, 0.0000,
0.0000

187.3384,

165.0540, 137.2802

228.6983,
203.8729, 172.8365

■ 26.1451, 19.3448,
11.8071

■ 26.1451, 19.3448,
11.8071

■ 24.0609, 16.2724,
7.7336

■ 28.7796, 23.2021,
17.0378

■ 22.4866, 13.9283,
4.7286

■ 31.9982, 27.8900,
23.5035

■ 21.3786, 12.2532,
2.6920

■ 35.8335, 33.4541,
31.2762

■ 20.6852, 11.1768,
1.5043

■ 40.3155, 39.9359,
40.4224

■ 20.3753, 10.6904,
0.9896

■ 45.4720, 47.3742,
51.0038

■ 51.3294, 55.8056,
63.0785

■ 57.9126, 65.2647,
76.7014

■ 65.2451, 75.7847,
91.9245

■ 73.1233, 87.3064,
107.6056

Harmonies

Analogous

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



27.4506, 19.3448, 21.2962



26.1451, 19.3448, 11.8071



22.6975, 19.3448, 6.9920

Triad

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



26.1451, 19.3448, 11.8071



12.4006, 19.3448, 11.5359



18.3057, 19.3448, 52.6689

Complementary

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



26.1451, 19.3448, 11.8071



29.3030, 38.3095, 52.3043

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.



14.6594, 19.3448, 47.0919



26.1451, 19.3448, 11.8071



11.5762, 19.3448, 20.8319

Square

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



26.1451, 19.3448, 11.8071



14.7805, 19.3448, 6.8813



12.3384, 19.3448, 34.2105



22.5363, 19.3448, 47.4898

Rectangle

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



26.1451, 19.3448, 11.8071



19.8738, 19.3448, 5.7515



12.3384, 19.3448, 34.2105



16.9756, 19.3448, 51.9659

Sweetspot

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



26.1456, 19.3458, 11.8075



69.5865, 67.3462, 66.1381



32.1780, 20.9263, 46.1399



14.9552, 14.2972, 13.8119



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.



26.1456, 19.3458, 11.8075



43.0032, 28.5924, 12.8434



31.7780, 30.6107, 13.6849



9.0481, 9.0991, 9.3863



13.7279, 7.2322, 0.6724



0.4991, 0.2853, 0.0288

Inverse Universe

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



29.3030, 38.3095, 52.3043



49.3282, 66.7468, 94.4849



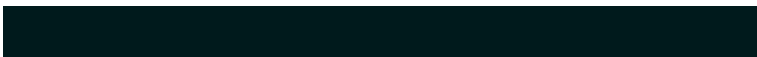
21.3225, 22.3485, 49.6441



9.2178, 10.1128, 11.5456



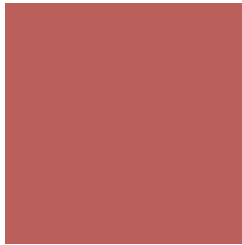
16.2293, 22.9183, 34.8214



0.5866, 0.8368, 1.2324

Previews

White Background



This preview shows how the XYZ color 26.1451, 19.3448, 11.8071 looks on a white background.

Color Contrast Check

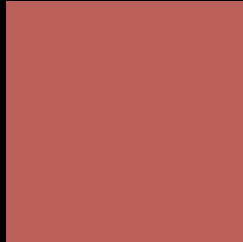
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1451, 19.3448, 11.8071 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 26.1451, 19.3448, 11.8071

Background



This preview shows how black text looks on a background with the XYZ color 26.1451, 19.3448, 11.8071.



This preview shows how white text looks on a background with the XYZ color 26.1451, 19.3448,

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

26.1451, 19.3448, 11.8071

Protanopia

18.3618, 19.5258, 15.1130

Deuteranopia

19.8550, 19.4894, 11.3097



Tritanopia

26.7081, 19.3136, 14.3768

Trichromacy



Original Color

26.1451, 19.3448, 11.8071

Protanomaly

20.5295, 18.9354, 13.8821

Deuteranomaly

21.8463, 19.1862, 11.3560

Tritanomaly

26.6075, 19.4147, 13.4114

Monochromacy



Original Color

26.1451, 19.3448, 11.8071

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.2857, 18.7339, 17.2987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1451, 19.3448, 11.8071 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(186, 95, 89)` looks like.

```
.text, #text, p{  
    color:rgb(186, 95, 89)  
}
```

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(186, 95, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 95, 89) }
```

Border

The CSS property to change the border of an element to XYZ 26.1451, 19.3448, 11.8071 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(186, 95, 89) }
```


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

```
.border{ border-color:rgb(186, 95, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 95, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 95, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 95, 89);  
box-shadow:4px 4px 4px 4px rgb(186, 95,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1451, 19.3448, 11.8071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 95, 89) }
```

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

```
.background{ background-color: rgb(186, 95,  
89) }
```

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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