

Converting Colors

XYZ(26.3845, 19.3255, 12.2371)

Have a look what the booklet for
XYZ(26.3845, 19.3255, 12.2371)
contains.

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Color

**XYZ(26.3845, 19.3255,
12.2371)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BB5E5B |
| RGB | 187, 94, 91 |
| RGB Percent | 73%, 37%, 36% |
| CMY | 0.2667, 0.6314, 0.6431 |
| CMYK | 0.00, 0.50, 0.51, 0.27 |
| HSL | 2°, 41%, 55% |
| HSV | 2°, 51%, 73% |
| XYZ | 26.3845, 19.3255, 12.2371 |
| YIQ | 121.4650, 56.3910, 18.7830 |

Conversions

Conversions Part 2

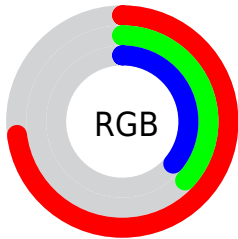
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 187, 94, 91 |
| Decimal | 12279387 |
| CIE Lab | 51.07, 37.09, 19.11 |
| CIE LCh | 51, 41.726, 27.264 |
| Yxy | 19.3255, 0.4553, 0.3335 |
| Android (android.graphics.Color) | 4290469467 (0xFFBB5E5B) |
| YUV | 121.4650, -15.0192, 57.4742 |
| Hunter-Lab | 43.9608, 30.2013, 14.2683 |

Details

The XYZ color **26.3845, 19.3255, 12.2371** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.4234, 40.0907, 53.1483**, and the grayscale version is **18.3595, 19.3156, 21.0347**.

A 20% lighter version of the original color is **53.0926, 42.0737, 30.5220**, and **10.5803, 6.7367, 3.2253** is the 20% darker color. If you saturate the color by 10%, you get **24.2499, 16.1904, 8.0294**, and if you desaturate by 10%, it is **29.0991, 23.2989, 17.6300**.

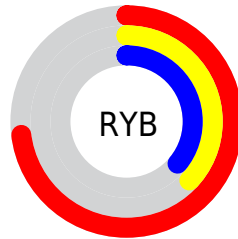
Distribution



Red (73%)

Green (37%)

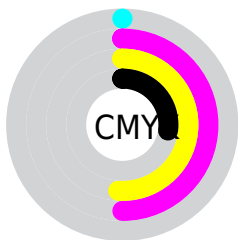
Blue (36%)



Red (73%)

Yellow (37%)

Blue (36%)

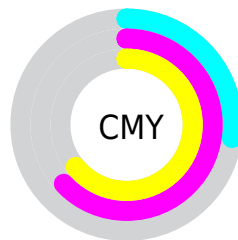


Cyan (0%)

Magenta (50%)

Yellow (51%)

Black (27%)



Cyan (27%)


Magenta (63%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3845, 19.3255, 12.2371 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 26.3845, 19.3255, 12.2371 by changing the saturation by 10% instead.


 26.3845, 19.3255,
12.2371


 26.3845, 19.3255,
12.2371


276.8867,
248.2399, 217.0020


 17.2457, 11.9057,
6.7809


 53.3215, 42.2834,
30.5970

 10.5062, 6.6795,
3.2491


 71.8504, 58.5903,
44.3378

 5.8007, 3.2625,
1.2232

 94.2400, 78.6284,
61.6772

 2.7638, 1.2703,
0.0000

 120.8557,
102.7820, 83.0337

 1.0301, 0.1180,
0.0000

152.0629,
131.4355, 108.8259

 0.0000, 0.0000,
0.0000

188.2269,

164.9734, 139.4724

229.7130,
203.7801, 175.3915

■ 26.3845, 19.3255,
12.2371

■ 26.3845, 19.3255,
12.2371

■ 24.2499, 16.1904,
8.0294

■ 29.0991, 23.2989,
17.6300

■ 22.6517, 13.8310,
4.9168

■ 32.4300, 28.1617,
24.2871

■ 21.5428, 12.1804,
2.7980

■ 36.4126, 33.9641,
32.2818

■ 20.8668, 11.1594,
1.5523

■ 41.0788, 40.7521,
41.6814

■ 20.5569, 10.6918,
0.9803

■ 46.4587, 48.5684,
52.5490

■ 52.5804, 57.4533,
64.9436

■ 59.4707, 67.4449,
78.9210

■ 67.1548, 78.5794,
94.5344

■ 74.3034, 89.3047,
107.9291

Harmonies

Analogous

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



27.5136, 19.3255, 22.1484



26.3845, 19.3255, 12.2371



23.0140, 19.3255, 7.1086

Triad

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



26.3845, 19.3255, 12.2371



12.4572, 19.3255, 10.9712



17.9912, 19.3255, 52.9821

Complementary

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



26.3845, 19.3255, 12.2371



30.4234, 40.0907, 53.1483

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.



14.3941, 19.3255, 46.6081



26.3845, 19.3255, 12.2371



11.5139, 19.3255, 19.9734

Square

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



26.3845, 19.3255, 12.2371



14.9603, 19.3255, 6.5941



12.1664, 19.3255, 33.2971



22.2581, 19.3255, 48.4803

Rectangle

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



26.3845, 19.3255, 12.2371



20.1782, 19.3255, 5.7263



12.1664, 19.3255, 33.2971



16.6700, 19.3255, 51.9990

Sweetspot

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



26.3850, 19.3265, 12.2374



70.1587, 68.0233, 67.7689



33.0338, 21.5667, 48.5421



15.0602, 14.4126, 14.1383



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.



26.3850, 19.3265, 12.2374



42.8902, 28.1996, 13.3203



31.8478, 30.2521, 14.0584



9.5535, 9.5829, 9.9228



14.1739, 7.3867, 0.6787



0.5635, 0.3059, 0.0294

Inverse Universe

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



30.4234, 40.0907, 53.1483



50.9270, 69.5905, 94.9496



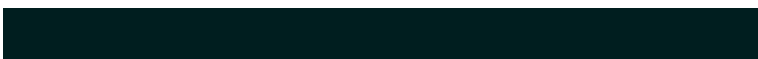
22.2867, 23.8173, 50.4360



9.7823, 10.7569, 12.2329



17.5962, 25.3040, 36.3497



0.6973, 1.0074, 1.4265

Previews

White Background



This preview shows how the XYZ color 26.3845, 19.3255, 12.2371 looks on a white background.

Color Contrast Check

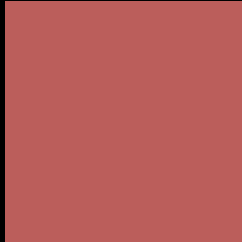
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3845, 19.3255, 12.2371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

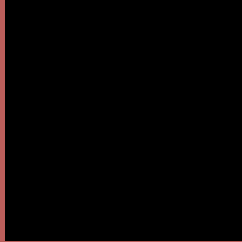
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3845, 19.3255, 12.2371

Background



This preview shows how black text looks on a background with the XYZ color 26.3845, 19.3255, 12.2371.



This preview shows how white text looks on a background with the XYZ color 26.3845, 19.3255,

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

26.3845, 19.3255, 12.2371

Protanopia

18.5115, 19.5857, 15.9015

Deuteranopia

19.7586, 19.4304, 11.7259



Tritanopia

26.9055, 19.4209, 14.1349

Trichromacy



Original Color

26.3845, 19.3255, 12.2371

Protanomaly

20.6240, 18.9732, 14.3796

Deuteranomaly

21.7273, 19.1154, 11.7770

Tritanomaly

26.7647, 19.3646, 13.3934

Monochromacy



Original Color

26.3845, 19.3255, 12.2371

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.1760, 18.5144, 17.2621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3845, 19.3255, 12.2371 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(187, 94, 91)` looks like.

```
.text, #text, p{  
    color:rgb(187, 94, 91)  
}
```

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(187, 94, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 94, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.3845, 19.3255, 12.2371 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(187, 94, 91) }
```


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

```
.border{ border-color:rgb(187, 94, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 94, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 94, 91); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 94, 91); box-shadow:4px 4px 4px 4px rgb(187, 94, 91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3845, 19.3255, 12.2371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 94, 91) }
```

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

```
.background{ background-color: rgb(187, 94,  
91) }
```

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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