

Converting Colors

XYZ(26.0003, 18.2005, 11.1989)

Have a look what the booklet for
XYZ(26.0003, 18.2005, 11.1989)
contains.

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Color

**XYZ(26.0344, 18.1625,
11.1504)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5657
RGB	189, 86, 87
RGB Percent	74%, 34%, 34%
CMY	0.2588, 0.6627, 0.6588
CMYK	0.00, 0.54, 0.54, 0.26
HSL	359°, 44%, 54%
HSV	359°, 54%, 74%
XYZ	26.0344, 18.1625, 11.1504
YIQ	116.9110, 61.0670, 22.1470

Conversions

Conversions Part 2

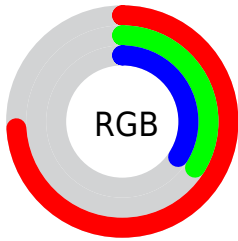
Format	Color
RYB	189, 86, 87
Decimal	12408407
CIELab	49.69, 41.56, 19.69
CIElCh	50, 45.990, 25.353
Yxy	18.1625, 0.4704, 0.3282
Android (android.graphics.Color)	4290598487 (0xFFBD5657)
YUV	116.9110, -14.7461, 63.2221
Hunter-Lab	42.6175, 34.4624, 14.3197

Details

The XYZ color **26.0344, 18.1625, 11.1504** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.1135, 42.0049, 54.0477**, and the grayscale version is **16.9125, 17.7933, 19.3769**.

A 20% lighter version of the original color is **52.8149, 40.4111, 28.6834**, and **10.3500, 6.1365, 2.8294** is the 20% darker color. If you saturate the color by 10%, you get **24.0518, 15.2666, 7.1934**, and if you desaturate by 10%, it is **28.6151, 21.9376, 16.2852**.

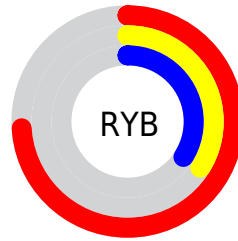
Distribution



Red (74%)

Green (34%)

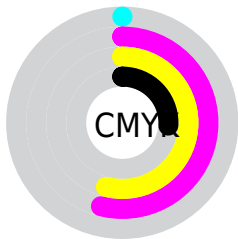
Blue (34%)



Red (74%)

Yellow (34%)

Blue (34%)

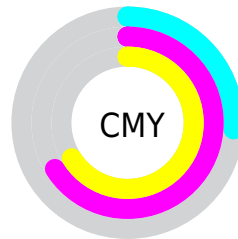


Cyan (0%)

Magenta (54%)

Yellow (54%)

Black (26%)



Cyan (26%)


Magenta (66%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0344, 18.1625, 11.1504 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 26.0344, 18.1625, 11.1504 by changing the saturation by 10% instead.


 26.0344, 18.1625,
11.1504


 26.0344, 18.1625,
11.1504


275.2045,
241.7854, 209.4708


 16.9822, 11.0667,
6.0526


 52.7613, 40.3140,
28.5788


 10.3170, 6.1117,
2.8078


 71.1668, 56.1386,
41.7466


 5.6735, 2.9131,
0.9974

 93.4207, 75.6415,
58.4414

 2.6864, 1.0866,
0.0000

 119.8884, 99.2071,
79.0819

 0.9902, 0.0000,
0.0000

 150.9353,
127.2200, 104.0865

 0.0000, 0.0000,
0.0000

186.9267,

160.0644, 133.8739

228.2280,
198.1247, 168.8625

■ 26.0344, 18.1625,
11.1504

■ 26.0344, 18.1625,
11.1504

■ 24.0518, 15.2666,
7.1934

■ 28.6151, 21.9376,
16.2852

■ 22.6180, 13.1762,
4.3199

■ 31.8353, 26.6518,
22.6800

■ 21.6785, 11.8107,
2.4230

■ 35.7342, 32.3634,
30.4108

■ 21.1664, 11.0716,
1.3735

■ 40.3474, 39.1249,
39.5474

■ 20.9963, 10.8228,
1.0348

■ 45.7081, 46.9853,
50.1547

■ 51.8475, 55.9904,
62.2935

■ 58.7949, 66.1836,
76.0212

■ 66.5782, 77.6057,
91.3923

■ 74.7962, 89.5588,
107.9521

Harmonies

Analogous

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



27.0770, 18.1625, 21.7925



26.0344, 18.1625, 11.1504



22.5001, 18.1625, 5.8410

Triad

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



26.0344, 18.1625, 11.1504



11.2266, 18.1625, 8.9987



16.5904, 18.1625, 54.8142

Complementary

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



26.0344, 18.1625, 11.1504



31.1135, 42.0049, 54.0477

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.



12.9089, 18.1625, 46.9505



26.0344, 18.1625, 11.1504



10.1631, 18.1625, 17.8877

Square

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



26.0344, 18.1625, 11.1504



13.9059, 18.1625, 5.0174



10.7228, 18.1625, 31.9881



21.1209, 18.1625, 50.5102

Rectangle

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



26.0344, 18.1625, 11.1504



19.4784, 18.1625, 4.4262



10.7228, 18.1625, 31.9881



15.2221, 18.1625, 53.4374

Sweetspot

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



26.0348, 18.1635, 11.1507



70.7111, 67.7989, 67.7587



33.0765, 20.9312, 50.4409



14.8281, 14.0257, 13.8227



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.



26.0348, 18.1635, 11.1507



42.6179, 26.6728, 11.9655



31.4403, 29.0390, 12.7534



9.5338, 9.5378, 9.9341



14.1286, 7.2826, 0.7049



0.5547, 0.2858, 0.0344

Inverse Universe

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



26.0348, 18.1635, 11.1507



42.6179, 26.6728, 11.9655



22.2880, 24.1817, 51.6369



9.5338, 9.5378, 9.9341



14.1286, 7.2826, 0.7049



0.5547, 0.2858, 0.0344

Previews

White Background



This preview shows how the XYZ color 26.0344, 18.1625, 11.1504 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 26.0344, 18.1625, 11.1504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

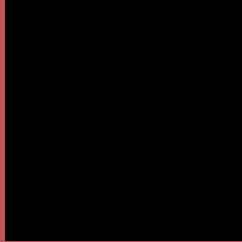
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0344, 18.1625, 11.1504

Background



This preview shows how black text looks on a background with the XYZ color 26.0344, 18.1625, 11.1504.

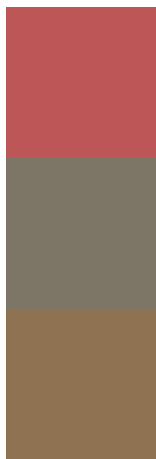


This preview shows how white text looks on a background with the XYZ color 26.0344, 18.1625,

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

26.0344, 18.1625, 11.1504

Protanopia

17.3342, 18.2761, 15.1844

Deuteranopia

18.6956, 18.3946, 10.5478



Tritanopia

26.1231, 18.0711, 12.0088

Trichromacy



Original Color

26.0344, 18.1625, 11.1504

Protanomaly

19.5244, 17.4670, 13.6517

Deuteranomaly

20.8486, 17.9117, 10.7460

Tritanomaly

26.0802, 18.0540, 11.7831

Monochromacy



Original Color

26.0344, 18.1625, 11.1504

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.0832, 17.1883, 15.9475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0344, 18.1625, 11.1504 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(189, 86, 87)` looks like.

```
.text, #text, p{  
    color:rgb(189, 86, 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(189, 86, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 86, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.0344, 18.1625, 11.1504 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(189, 86, 87) }
```


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

```
.border{ border-color:rgb(189, 86, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 86, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 86, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 86, 87);  
box-shadow:4px 4px 4px 4px rgb(189, 86,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0344, 18.1625, 11.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 86, 87) }
```

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

```
.background{ background-color: rgb(189, 86,  
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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