

Converting Colors

XYZ(25.7933, 18.0075, 10.2658)

Have a look what the booklet for
XYZ(25.7933, 18.0075, 10.2658)
contains.

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Color

**XYZ(25.8754, 18.0989,
10.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5653
RGB	189, 86, 83
RGB Percent	74%, 34%, 33%
CMY	0.2588, 0.6627, 0.6745
CMYK	0.00, 0.54, 0.56, 0.26
HSL	2°, 45%, 53%
HSV	2°, 56%, 74%
XYZ	25.8754, 18.0989, 10.3133
YIQ	116.4550, 62.3510, 20.9030

Conversions

Conversions Part 2

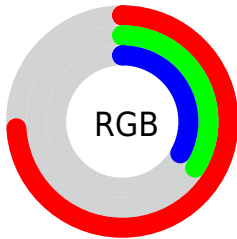
Format	Color
R_{YB}	189, 86, 83
Decimal	12408403
CIE _{Lab}	49.62, 41.23, 21.96
CIE _{LCh}	50, 46.714, 28.044
Yxy	18.0989, 0.4766, 0.3334
Android (android.graphics.Color)	4290598483 (0xFFBD5653)
YUV	116.4550, -16.4933, 63.6220
Hunter-Lab	42.5428, 34.1174, 15.4068

Details

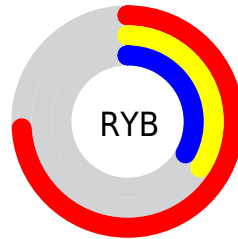
The XYZ color **25.8754, 18.0989, 10.3133** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.3104, 40.6287, 54.3886**, and the grayscale version is **16.7765, 17.6502, 19.2211**.

A 20% lighter version of the original color is **52.4644, 40.2709, 26.8377**, and **10.2820, 6.1093, 2.4710** is the 20% darker color. If you saturate the color by 10%, you get **23.9600, 15.2812, 6.5523**, and if you desaturate by 10%, it is **28.3672, 21.7514, 15.2480**.

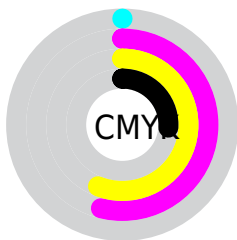
Distribution



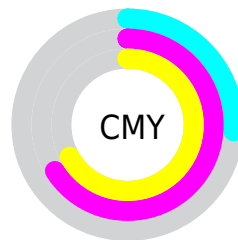
- Red (74%)
- Green (34%)
- Blue (33%)



- Red (74%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (54%)
- Yellow (56%)
- Black (26%)





- Cyan (26%)
- Magenta (66%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8754, 18.0989, 10.3133 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 25.8754, 18.0989, 10.3133 by changing the saturation by 10% instead.


 25.8754, 18.0989,
10.3133


 25.8754, 18.0989,
10.3133


274.4378,
241.4279, 203.4591


 16.8626, 11.0210,
5.4989


 52.5066, 40.2058,
27.0001


 10.2313, 6.0810,
2.4790


 70.8558, 56.0036,
39.7096


 5.6160, 2.8944,
0.8290

 93.0478, 75.4768,
55.8878

 2.6515, 1.0768,
0.0000

 119.4479, 99.0098,
75.9533

 0.9723, 0.0000,
0.0000

 150.4217,
126.9870, 100.3247

 0.0000, 0.0000,
0.0000

186.3344,

159.7928, 129.4204

227.5513,
197.8117, 163.6590

■ 25.8754, 18.0989,
10.3133

■ 25.8754, 18.0989,
10.3133

■ 23.9600, 15.2812,
6.5523

■ 28.3672, 21.7514,
15.2480

■ 22.5737, 13.2297,
3.8668

■ 31.4752, 26.2945,
21.4416

■ 21.6638, 11.8702,
2.1444

■ 35.2372, 31.7822,
28.9728

■ 21.1650, 11.1115,
1.2417

■ 39.6875, 38.2638,
37.9135

■ 21.0444, 10.9351,
1.0015

■ 44.8580, 45.7850,
48.3303

■ 50.7787, 54.3886,
60.2858

■ 57.4779, 64.1152,
73.8388

■ 64.9824, 75.0030,
89.0453

■ 73.3177, 87.0886,
105.9582

Harmonies

Analogous

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



27.2049, 18.0989, 20.5514



25.8754, 18.0989, 10.3133



22.1197, 18.0989, 5.4034

Triad

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



25.8754, 18.0989, 10.3133



10.9365, 18.0989, 9.4044



16.9132, 18.0989, 55.5573

Complementary

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



25.8754, 18.0989, 10.3133



30.3104, 40.6287, 54.3886

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.



13.0740, 18.0989, 48.5227



25.8754, 18.0989, 10.3133



10.0124, 18.0989, 18.8853

Square

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



25.8754, 18.0989, 10.3133



13.4981, 18.0989, 5.0593



10.7228, 18.0989, 33.5563



21.5293, 18.0989, 50.0576

Rectangle

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



25.8754, 18.0989, 10.3133



19.0293, 18.0989, 4.1729



10.7228, 18.0989, 33.5563



15.4965, 18.0989, 54.5352

Sweetspot

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



25.8758, 18.0999, 10.3136



70.0673, 67.0560, 65.8651



33.0742, 20.6033, 49.3783



14.7090, 13.8979, 13.4428



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.



25.8758, 18.0999, 10.3136



42.3463, 26.5329, 10.6316



31.6027, 29.5535, 12.2226



9.5513, 9.5785, 9.9221



14.1689, 7.3765, 0.6770



0.5625, 0.3040, 0.0290

Inverse Universe

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



30.3104, 40.6287, 54.3886



51.0300, 70.7287, 97.1887



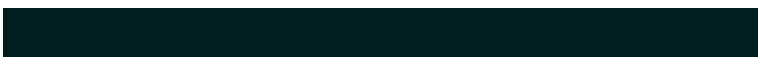
21.3101, 22.6280, 51.3885



9.7848, 10.7619, 12.2337



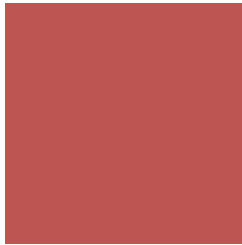
17.6728, 25.4573, 36.3752



0.6996, 1.0119, 1.4273

Previews

White Background



This preview shows how the XYZ color 25.8754, 18.0989, 10.3133 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 25.8754, 18.0989, 10.3133 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 25.8754, 18.0989, 10.3133

Background



This preview shows how black text looks on a background with the XYZ color 25.8754, 18.0989, 10.3133.



This preview shows how white text looks on a background with the XYZ color 25.8754, 18.0989,

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

25.8754, 18.0989, 10.3133

Protanopia

17.0935, 18.1799, 13.9174

Deuteranopia

18.4356, 18.1111, 9.7319



Tritanopia

26.1231, 18.0711, 12.0088

Trichromacy



Original Color

25.8754, 18.0989, 10.3133

Protanomaly

19.2985, 17.3767, 12.4621

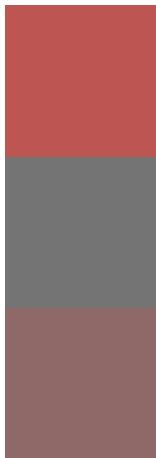
Deuteranomaly

20.5963, 17.6506, 9.9108

Tritanomaly

25.9962, 18.0204, 11.3407

Monochromacy



Original Color

25.8754, 18.0989, 10.3133

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.8780, 16.9423, 15.3719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8754, 18.0989, 10.3133 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(189, 86, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 86, 83) }
```

Border

The CSS property to change the border of an element to XYZ 25.8754, 18.0989, 10.3133 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, 83) }
```


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

```
.border{ border-color:rgb(189, 86, 83) }
```

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, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 86, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 86, 83);  
box-shadow:4px 4px 4px 4px rgb(189, 86,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8754, 18.0989, 10.3133 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, 83) }
```

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

```
.background{ background-color: rgb(189, 86,  
83) }
```

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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