

Converting Colors

XYZ(25.9112, 18.4187, 10.2090)

Have a look what the booklet for
XYZ(25.9112, 18.4187, 10.2090)
contains.

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Color

**XYZ(25.7518, 18.2800,
10.1538)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5852
RGB	188, 88, 82
RGB Percent	74%, 35%, 32%
CMY	0.2627, 0.6549, 0.6784
CMYK	0.00, 0.53, 0.56, 0.26
HSL	3°, 44%, 53%
HSV	3°, 56%, 74%
XYZ	25.7518, 18.2800, 10.1538
YIQ	117.2160, 61.5260, 19.3340

Conversions

Conversions Part 2

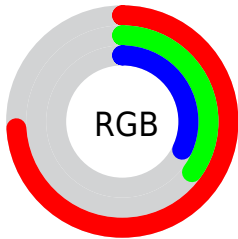
Format	Color
R _Y B	188, 88, 82
Decimal	12343378
CIE Lab	49.83, 39.77, 22.81
CIE LCh	50, 45.849, 29.837
Yxy	18.2800, 0.4753, 0.3374
Android (android.graphics.Color)	4290533458 (0xFFBC5852)
YUV	117.2160, -17.3615, 62.0776
Hunter-Lab	42.7551, 32.6907, 15.8480

Details

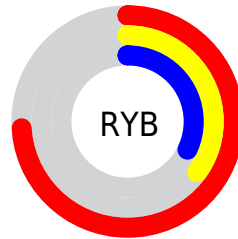
The XYZ color **25.7518, 18.2800, 10.1538** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.2838, 38.8785, 53.5378**, and the grayscale version is **17.0149, 17.9010, 19.4942**.

A 20% lighter version of the original color is **52.1862, 40.3513, 26.5108**, and **10.2014, 6.2025, 2.4098** is the 20% darker color. If you saturate the color by 10%, you get **23.8490, 15.4668, 6.4605**, and if you desaturate by 10%, it is **28.2056, 21.8818, 14.9979**.

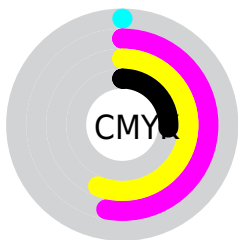
Distribution



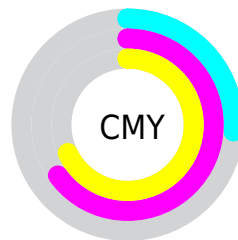
- Red (74%)
- Green (35%)
- Blue (32%)



- Red (74%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (56%)
- Black (26%)



- Cyan (26%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7518, 18.2800, 10.1538 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 25.7518, 18.2800, 10.1538 by changing the saturation by 10% instead.

■ 25.7518, 18.2800,
10.1538

■ 25.7518, 18.2800,
10.1538

273.8406,
242.4446, 202.2908

■ 16.7698, 11.1512,
5.3941

■ 52.3084, 40.5139,
26.6967

■ 10.1648, 6.1686,
2.4176

■ 70.6137, 56.3877,
39.3170

■ 5.5714, 2.9479,
0.7960

■ 92.7575, 75.9454,
55.3946

■ 2.6244, 1.1046,
0.0000

■ 119.1051, 99.5712,
75.3480

■ 0.9584, 0.0000,
0.0000

■ 150.0218,
127.6497, 99.5958

■ 0.0000, 0.0000,
0.0000

185.8731,

160.5651, 128.5565

227.0242,
198.7020, 162.6487

■ 25.7518, 18.2800,
10.1538

■ 25.7518, 18.2800,
10.1538

■ 23.8490, 15.4668,
6.4605

■ 28.2056, 21.8818,
14.9979

■ 22.4533, 13.3803,
3.8218

■ 31.2471, 26.3220,
21.0763

■ 21.5162, 11.9546,
2.1275

■ 34.9115, 31.6499,
28.4662

■ 20.9777, 11.1092,
1.2339

■ 39.2308, 37.9101,
37.2380

■ 20.8547, 10.9227,
1.0091

■ 44.2347, 45.1442,
47.4571

■ 49.9513, 53.3913,
59.1846

■ 56.4068, 62.6883,
72.4785

■ 63.6265, 73.0703,
87.3933

■ 71.6341, 84.5707,
103.9811

Harmonies

Analogous

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



27.2304, 18.2800, 19.9727



25.7518, 18.2800, 10.1538



21.9591, 18.2800, 5.4853

Triad

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



25.7518, 18.2800, 10.1538



11.0630, 18.2800, 10.0779



17.3506, 18.2800, 55.0774

Complementary

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



25.7518, 18.2800, 10.1538



29.2838, 38.8785, 53.5378

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.



13.4772, 18.2800, 48.8880



25.7518, 18.2800, 10.1538



10.2403, 18.2800, 19.8351

Square

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



25.7518, 18.2800, 10.1538



13.5123, 18.2800, 5.4562



11.0452, 18.2800, 34.4771



21.9105, 18.2800, 49.0133

Rectangle

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



25.7518, 18.2800, 10.1538



18.9034, 18.2800, 4.3511



11.0452, 18.2800, 34.4771



15.9305, 18.2800, 54.3350

Sweetspot

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



25.7522, 18.2810, 10.1541



70.3490, 67.6193, 65.9590



32.2724, 20.1325, 46.8212



14.7746, 14.0291, 13.4647



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.



25.7522, 18.2810, 10.1541



42.4442, 26.8726, 10.2209



31.6841, 30.1446, 12.1314



9.5724, 9.6208, 9.9291



14.2174, 7.4737, 0.6932



0.5719, 0.3228, 0.0322

Inverse Universe

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



29.2838, 38.8785, 53.5378



49.4347, 67.8429, 96.7157



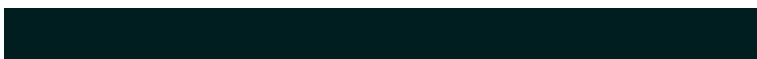
20.4997, 21.3104, 50.6098



9.7610, 10.7144, 12.2258



16.9503, 24.0124, 36.1344



0.6782, 0.9690, 1.4202

Previews

White Background



This preview shows how the XYZ color 25.7518, 18.2800, 10.1538 looks on a white background.

Color Contrast Check

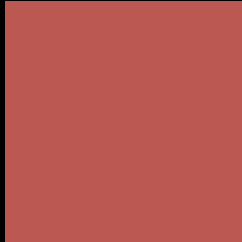
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7518, 18.2800, 10.1538 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 25.7518, 18.2800, 10.1538

Background



This preview shows how black text looks on a background with the XYZ color 25.7518, 18.2800, 10.1538.



This preview shows how white text looks on a background with the XYZ color 25.7518, 18.2800,

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

25.7518, 18.2800, 10.1538

Protanopia

17.2666, 18.4555, 13.4787

Deuteranopia

18.6846, 18.4101, 9.5899



Tritanopia

26.2458, 18.2471, 12.2639

Trichromacy



Original Color

25.7518, 18.2800, 10.1538

Protanomaly

19.6025, 17.8529, 12.0856

Deuteranomaly

20.7609, 18.0386, 9.7847

Tritanomaly

26.1559, 18.3398, 11.3939

Monochromacy



Original Color

25.7518, 18.2800, 10.1538

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.9804, 17.1472, 15.4061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7518, 18.2800, 10.1538 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, 88, 82)` looks like.

```
.text, #text, p{  
    color:rgb(188, 88, 82)  
}
```

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, 88, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 88, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.7518, 18.2800, 10.1538 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, 88, 82) }
```


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

```
.border{ border-color:rgb(188, 88, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 88, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 88, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 88, 82);  
box-shadow:4px 4px 4px 4px rgb(188, 88,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7518, 18.2800, 10.1538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 88, 82) }
```

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

```
.background{ background-color: rgb(188, 88,  
82) }
```

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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