

Converting Colors

XYZ(25.6576, 18.4105, 9.8870)

Have a look what the booklet for
XYZ(25.6576, 18.4105, 9.8870)
contains.

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Color

**XYZ(25.5139, 18.2887,
9.7748)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5950
RGB	187, 89, 80
RGB Percent	73%, 35%, 31%
CMY	0.2667, 0.6510, 0.6863
CMYK	0.00, 0.52, 0.57, 0.27
HSL	5°, 44%, 52%
HSV	5°, 57%, 73%
XYZ	25.5139, 18.2887, 9.7748
YIQ	117.2760, 61.2970, 17.9770

Conversions

Conversions Part 2

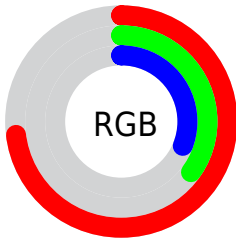
Format	Color
R _Y B	187, 90, 80
Decimal	12278096
CIE Lab	49.84, 38.73, 23.97
CIE LCh	50, 45.546, 31.757
Yxy	18.2887, 0.4762, 0.3414
Android (android.graphics.Color)	4290468176 (0xFFBB5950)
YUV	117.2760, -18.3771, 61.1479
Hunter-Lab	42.7653, 31.6544, 16.3839

Details

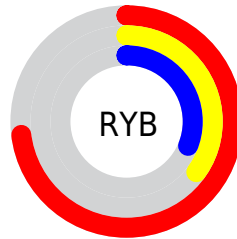
The XYZ color **25.5139, 18.2887, 9.7748** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.1974, 37.1323, 52.6947**, and the grayscale version is **17.0366, 17.9238, 19.5191**.

A 20% lighter version of the original color is **51.8451, 40.4089, 25.8360**, and **10.0497, 6.1747, 2.2523** is the 20% darker color. If you saturate the color by 10%, you get **23.6535, 15.5241, 6.2073**, and if you desaturate by 10%, it is **27.8990, 21.7952, 14.4660**.

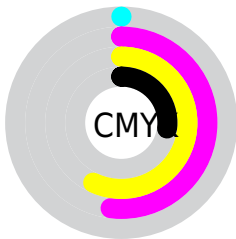
Distribution



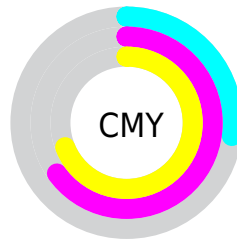
- Red (73%)
- Green (35%)
- Blue (31%)



- Red (73%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (52%)
- Yellow (57%)
- Black (27%)



- Cyan (27%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5139, 18.2887, 9.7748 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 25.5139, 18.2887, 9.7748 by changing the saturation by 10% instead.

■ 25.5139, 18.2887,
9.7748

■ 25.5139, 18.2887,
9.7748

272.6883,
242.4933, 199.4832

■ 16.5911, 11.1575,
5.1463

■ 51.9266, 40.5287,
25.9722

■ 10.0369, 6.1728,
2.2731

■ 70.1472, 56.4061,
38.3782

■ 5.4859, 2.9505,
0.7161

■ 92.1979, 75.9679,
54.2136

■ 2.5727, 1.1059,
0.0000

■ 118.4438, 99.5982,
73.8972

■ 0.9321, 0.0000,
0.0000

■ 149.2505,
127.6815, 97.8474

■ 0.0000, 0.0000,
0.0000

184.9832,

160.6022, 126.4828

226.0074,
198.7446, 160.2219

■ 25.5139, 18.2887,
9.7748

■ 25.5139, 18.2887,
9.7748

■ 23.6535, 15.5241,
6.2073

■ 27.8990, 21.7952,
14.4660

■ 22.2767, 13.4453,
3.6684

■ 30.8430, 26.0886,
20.3635

■ 21.3386, 11.9928,
2.0489

■ 34.3790, 31.2139,
27.5431

■ 20.7811, 11.0943,
1.1955

■ 38.5367, 37.2118,
36.0743

■ 20.6749, 10.9276,
1.0196

■ 43.3443, 44.1202,
46.0214

■ 48.8279, 51.9749,
57.4446

■ 55.0123, 60.8097,
70.4009

■ 61.9211, 70.6569,
84.9440

■ 69.5766, 81.5471,
101.1250

Harmonies

Analogous

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



27.1613, 18.2887, 19.1873



25.5139, 18.2887, 9.7748



21.6514, 18.2887, 5.3824

Triad

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



25.5139, 18.2887, 9.7748



11.0035, 18.2887, 10.5886



17.6408, 18.2887, 54.7607

Complementary

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



25.5139, 18.2887, 9.7748



28.1974, 37.1323, 52.6947

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.



13.7158, 18.2887, 49.3695



25.5139, 18.2887, 9.7748



10.2880, 18.2887, 20.6574

Square

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



25.5139, 18.2887, 9.7748



13.3397, 18.2887, 5.6955



11.1938, 18.2887, 35.3793



22.1701, 18.2887, 48.0353

Rectangle

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



25.5139, 18.2887, 9.7748



18.6105, 18.2887, 4.3649



11.1938, 18.2887, 35.3793



16.2104, 18.2887, 54.2981

Sweetspot

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



25.5143, 18.2897, 9.7751



68.9742, 66.5814, 64.5161



31.4065, 19.5200, 44.2758



14.8389, 14.1577, 13.4861



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.



25.5143, 18.2897, 9.7751



41.5632, 26.6030, 9.6184



31.6767, 30.6143, 11.8292



9.5930, 9.6620, 9.9360



14.2681, 7.5750, 0.7101



0.5811, 0.3410, 0.0352

Inverse Universe

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



28.1974, 37.1323, 52.6947



46.7677, 63.5133, 93.9958



19.5590, 19.8555, 49.8153



9.7381, 10.6684, 12.2182



16.2743, 22.6603, 35.9090



0.6579, 0.9285, 1.4134

Previews

White Background



This preview shows how the XYZ color 25.5139, 18.2887, 9.7748 looks on a white background.

Color Contrast Check

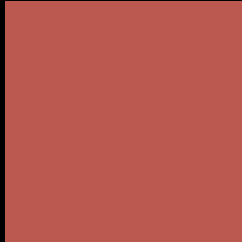
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5139, 18.2887, 9.7748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

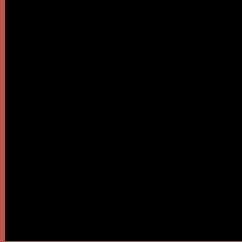
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5139, 18.2887, 9.7748

Background



This preview shows how black text looks on a background with the XYZ color 25.5139, 18.2887, 9.7748.



This preview shows how white text looks on a background with the XYZ color 25.5139, 18.2887,

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

25.5139, 18.2887, 9.7748

Protanopia

17.3250, 18.4960, 13.0129

Deuteranopia

18.8234, 18.4857, 9.4135



Tritanopia

26.1230, 18.2981, 12.5110

Trichromacy



Original Color

25.5139, 18.2887, 9.7748

Protanomaly

19.5184, 17.8193, 11.6432

Deuteranomaly

20.8883, 18.1126, 9.4163

Tritanomaly

25.9902, 18.3754, 11.4095

Monochromacy



Original Color

25.5139, 18.2887, 9.7748

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.9117, 17.2656, 15.4326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5139, 18.2887, 9.7748 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, 89, 80)` looks like.

```
.text, #text, p{  
    color:rgb(187, 89, 80)  
}
```

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, 89, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 89, 80) }
```

Border

The CSS property to change the border of an element to XYZ 25.5139, 18.2887, 9.7748 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, 89, 80) }
```


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

```
.border{ border-color:rgb(187, 89, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 89, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 89, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 89, 80);  
box-shadow:4px 4px 4px 4px rgb(187, 89,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5139, 18.2887, 9.7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 89, 80) }
```

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

```
.background{ background-color: rgb(187, 89,  
80) }
```

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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