

Converting Colors

XYZ(25.5896, 18.9418, 10.9188)

Have a look what the booklet for
XYZ(25.5896, 18.9418, 10.9188)
contains.

XYZ(25.6500, 18.9756, 10.9051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.6500, 18.9756,
10.9051)**

Conversions

Conversions Part 1

Format	Color
Hex	B95E55
RGB	185, 94, 85
RGB Percent	73%, 37%, 33%
CMY	0.2745, 0.6313, 0.6667
CMYK	0.00, 0.49, 0.54, 0.27
HSL	5°, 42%, 53%
HSV	5°, 54%, 73%
XYZ	25.6500, 18.9756, 10.9051
YIQ	120.1830, 57.1250, 16.4930

Conversions

Conversions Part 2

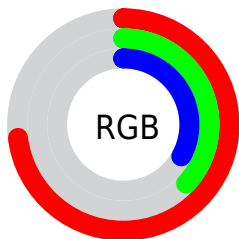
Format	Color
R_{YB}	185, 95, 85
Decimal	12148309
CIE Lab	50.66, 35.79, 22.05
CIE LCh	51, 42.037, 31.636
Yxy	18.9756, 0.4619, 0.3417
Android (android.graphics.Color)	4290338389 (0xFFB95E55)
YUV	120.1830, -17.3452, 56.8445
Hunter-Lab	43.5610, 28.8743, 15.6500

Details

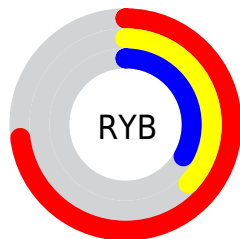
The XYZ color **25.6500, 18.9756, 10.9051** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.0276, 36.4827, 51.4634**, and the grayscale version is **17.9527, 18.8877, 20.5687**.

A 20% lighter version of the original color is **51.9603, 41.5401, 28.2011**, and **10.1858, 6.5438, 2.7337** is the 20% darker color. If you saturate the color by 10%, you get **23.6716, 16.0454, 7.0815**, and if you desaturate by 10%, it is **28.1479, 22.6376, 15.8501**.

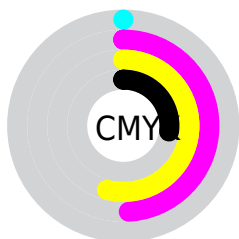
Distribution



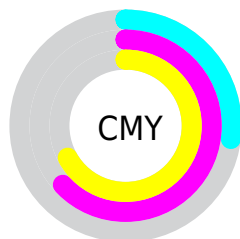
- Red (73%)
- Green (37%)
- Blue (33%)



- Red (73%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (49%)
- Yellow (54%)
- Black (27%)





- Cyan (27%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6500, 18.9756, 10.9051 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 25.6500, 18.9756, 10.9051 by changing the saturation by 10% instead.


 25.6500, 18.9756,
10.9051


 25.6500, 18.9756,
10.9051


273.3480,
246.3140, 207.7293


 16.6933, 11.6526,
5.8897


 52.1451, 41.6929,
28.1185


 10.1100, 6.5076,
2.7104


 70.4142, 57.8560,
41.1536


 5.5348, 3.1561,
0.9487

 92.5182, 77.7346,
57.6990

 2.6023, 1.2138,
0.0000

 118.8223,
101.7131, 78.1732

 0.9471, 0.0729,
0.0000

 149.6920,
130.1759, 102.9948

 0.0000, 0.0000,
0.0000

185.4926,

163.5074, 132.5823

226.5895,
202.0920, 167.3543

■ 25.6500, 18.9756,
10.9051

■ 25.6500, 18.9756,
10.9051

■ 23.6716, 16.0454,
7.0815

■ 28.1479, 22.6376,
15.8501

■ 22.1746, 13.7949,
4.2904

■ 31.1971, 27.0728,
21.9939

■ 21.1178, 12.1701,
2.4312

■ 34.8285, 32.3233,
29.4084

■ 20.4523, 11.1072,
1.3826

■ 39.0703, 38.4269,
38.1592

■ 20.2027, 10.7047,
1.0014

■ 43.9488, 45.4195,
48.3076

■ 49.4888, 53.3345,
59.9112

■ 55.7137, 62.2040,
73.0243

■ 62.6459, 72.0582,
87.6981

■ 70.3067, 82.9261,
103.9819

Harmonies

Analogous

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



27.1624, 18.9756, 20.0207



25.6500, 18.9756, 10.9051



22.0640, 18.9756, 6.4436

Triad

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



25.6500, 18.9756, 10.9051



11.9282, 18.9756, 11.6538



18.2627, 18.9756, 52.6189

Complementary

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



25.6500, 18.9756, 10.9051



28.0276, 36.4827, 51.4634

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.



14.5303, 18.9756, 47.7206



25.6500, 18.9756, 10.9051



11.2236, 18.9756, 21.3152

Square

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



25.6500, 18.9756, 10.9051



14.1940, 18.9756, 6.7458



12.1006, 18.9756, 34.9802



22.5147, 18.9756, 46.5986

Rectangle

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



25.6500, 18.9756, 10.9051



19.2119, 18.9756, 5.3687



12.1006, 18.9756, 34.9802



16.9086, 18.9756, 52.1876

Sweetspot

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



25.6505, 18.9766, 10.9054



68.2009, 66.2740, 64.6708



31.1587, 19.9724, 43.6337



14.3604, 13.7950, 13.2343



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6505, 18.9766, 10.9054



41.7902, 27.8327, 11.5356



31.5198, 30.7154, 12.8619



9.0679, 9.1388, 9.3929



13.7805, 7.3374, 0.6899



0.5077, 0.3024, 0.0316

Inverse Universe

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



28.0276, 36.4827, 51.4634



46.4370, 62.3666, 91.7951



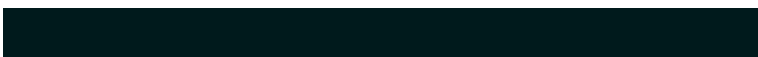
20.0498, 20.5270, 48.8041



9.1957, 10.0686, 11.5382



15.5678, 21.5952, 34.6009



0.5691, 0.8020, 1.2265

Previews

White Background



This preview shows how the XYZ color 25.6500, 18.9756, 10.9051 looks on a white background.

Color Contrast Check

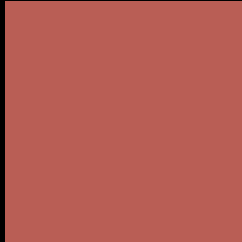
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6500, 18.9756, 10.9051 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 25.6500, 18.9756, 10.9051

Background



This preview shows how black text looks on a background with the XYZ color 25.6500, 18.9756, 10.9051.



This preview shows how white text looks on a background with the XYZ color 25.6500, 18.9756,

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

25.6500, 18.9756, 10.9051

Protanopia

18.0483, 19.2049, 14.0649

Deuteranopia

19.4076, 19.1046, 10.4492



Tritanopia

26.3290, 18.9942, 14.0829

Trichromacy



Original Color

25.6500, 18.9756, 10.9051

Protanomaly

20.0546, 18.5488, 12.8792

Deuteranomaly

21.3828, 18.8079, 10.4859

Tritanomaly

26.1844, 19.0760, 12.8916

Monochromacy



Original Color

25.6500, 18.9756, 10.9051

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.8399, 18.3597, 16.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6500, 18.9756, 10.9051 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(185, 94, 85)` looks like.

```
.text, #text, p{  
    color:rgb(185, 94, 85)  
}
```

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(185, 94, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 94, 85) }
```

Border

The CSS property to change the border of an element to XYZ 25.6500, 18.9756, 10.9051 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(185, 94, 85) }
```


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

```
.border{ border-color:rgb(185, 94, 85) }
```

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

Here you see how a box with a 4 pixel rgb(185, 94, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 94, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 94, 85);  
box-shadow:4px 4px 4px 4px rgb(185, 94,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6500, 18.9756, 10.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 94, 85) }
```

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

```
.background{ background-color: rgb(185, 94,  
85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor