

Converting Colors

XYZ(25.0409, 18.3411, 13.5297)

Have a look what the booklet for
XYZ(25.0409, 18.3411, 13.5297)
contains.

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Color

**XYZ(25.0409, 18.3411,
13.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	B55C61
RGB	181, 92, 97
RGB Percent	71%, 36%, 38%
CMY	0.2902, 0.6392, 0.6196
CMYK	0.00, 0.49, 0.46, 0.29
HSL	357°, 38%, 54%
HSV	357°, 49%, 71%
XYZ	25.0409, 18.3411, 13.5297
YIQ	119.1810, 51.4390, 20.4230

Conversions

Conversions Part 2

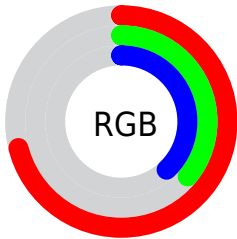
Format	Color
R_{YB}	181, 92, 97
Decimal	11885665
CIE Lab	49.91, 36.45, 13.83
CIE LCh	50, 38.987, 20.779
Yxy	18.3411, 0.4400, 0.3223
Android (android.graphics.Color)	4290075745 (0xFFB55C61)
YUV	119.1810, -10.9352, 54.2153
Hunter-Lab	42.8265, 29.4236, 11.2477

Details

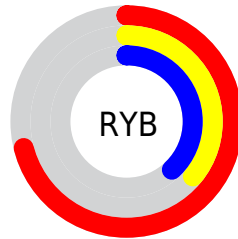
The XYZ color **25.0409, 18.3411, 13.5297** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.7749, 38.4581, 46.9831**, and the grayscale version is **17.6146, 18.5319, 20.1812**.

A 20% lighter version of the original color is **51.2537, 40.6099, 33.1541**, and **9.7377, 6.1800, 3.8116** is the 20% darker color. If you saturate the color by 10%, you get **22.9434, 15.2866, 9.3147**, and if you desaturate by 10%, it is **27.6854, 22.2152, 18.7737**.

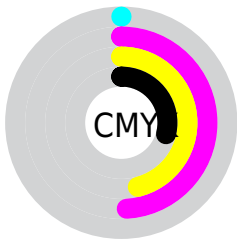
Distribution



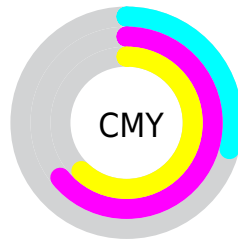
- Red (71%)
- Green (36%)
- Blue (38%)



- Red (71%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (49%)
- Yellow (46%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0409, 18.3411, 13.5297 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 25.0409, 18.3411, 13.5297 by changing the saturation by 10% instead.


 25.0409, 18.3411,
13.5297


 25.0409, 18.3411,
13.5297


270.3854,
242.7867, 225.6109


 16.2364, 11.1952,
7.6593


 51.1660, 40.6177,
32.9572


 9.7835, 6.1983,
3.7931


 69.2173, 56.5171,
47.3514

 5.3168, 2.9660,
1.5125

 91.0816, 76.1032,
65.4240

 2.4710, 1.1140,
0.2272

 117.1243, 99.7603,
87.5934

 0.8806, 0.0000,
0.0000

147.7106,
127.8728, 114.2783

 0.0000, 0.0000,
0.0000

183.2060,

160.8251, 145.8971

223.9759,
199.0016, 182.8685

■ 25.0409, 18.3411,
13.5297

■ 25.0409, 18.3411,
13.5297

■ 22.9434, 15.2866,
9.3147

■ 27.6854, 22.2152,
18.7737

■ 21.3533, 12.9903,
6.0601

■ 30.9102, 26.9590,
25.1072

■ 20.2280, 11.3865,
3.6906


■ 34.7474, 32.6219,
32.5873


■ 19.5170, 10.3973,
2.1190


■ 39.2264, 39.2489,
41.2666


■ 19.1362, 9.8820,
1.2334


■ 44.3747, 46.8818,
51.1946

 19.1117, 9.8460,
1.1849

 50.2183, 55.5602,
62.4180

 56.7817, 65.3215,
74.9811

 64.0882, 76.2011,
88.9261

 72.1601, 88.2330,
104.2932

Harmonies

Analogous

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



25.5202, 18.3411, 23.4485



25.0409, 18.3411, 13.5297



22.3761, 18.3411, 7.9037

Triad

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



25.0409, 18.3411, 13.5297



12.4426, 18.3411, 9.5889



16.3077, 18.3411, 47.9067

Complementary

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



25.0409, 18.3411, 13.5297



28.7749, 38.4581, 46.9831

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.



13.2768, 18.3411, 40.5023



25.0409, 18.3411, 13.5297



11.2645, 18.3411, 16.8543

Square

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



25.0409, 18.3411, 13.5297



15.0084, 18.3411, 6.2578



11.5465, 18.3411, 28.1862



20.1049, 18.3411, 46.0123

Rectangle

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



25.0409, 18.3411, 13.5297



19.9039, 18.3411, 6.1700



11.5465, 18.3411, 28.1862



15.1750, 18.3411, 46.3466

Sweetspot

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



25.0414, 18.3420, 13.5300



65.2349, 62.8651, 64.1923



29.8623, 20.1131, 46.0244



13.7514, 13.0725, 13.1987



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.0414, 18.3420, 13.5300



40.8253, 26.9925, 16.1433



29.0467, 26.7138, 13.7518



8.5151, 8.5127, 8.9447



13.1839, 6.7911, 0.8626



0.4212, 0.2162, 0.0606

Inverse Universe

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



25.0414, 18.3420, 13.5300



40.8253, 26.9925, 16.1433



22.4926, 25.0877, 47.3730



8.5151, 8.5127, 8.9447



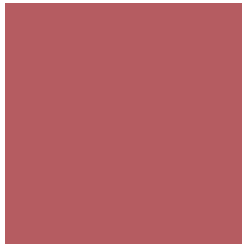
13.1839, 6.7911, 0.8626



0.4212, 0.2162, 0.0606

Previews

White Background



This preview shows how the XYZ color 25.0409, 18.3411, 13.5297 looks on a white background.

Color Contrast Check

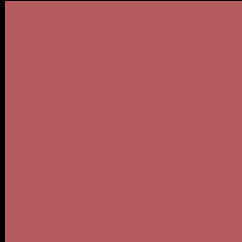
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0409, 18.3411, 13.5297 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 25.0409, 18.3411, 13.5297

Background



This preview shows how black text looks on a background with the XYZ color 25.0409, 18.3411, 13.5297.



This preview shows how white text looks on a background with the XYZ color 25.0409, 18.3411,

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

25.0409, 18.3411, 13.5297

Protanopia

17.5797, 18.5304, 17.4020

Deuteranopia

18.8083, 18.4004, 12.9163



Tritanopia

25.0878, 18.3599, 13.7768

Trichromacy



Original Color

25.0409, 18.3411, 13.5297

Protanomaly

19.5200, 17.8865, 15.7882

Deuteranomaly

20.6920, 18.0848, 12.9898

Tritanomaly

25.0878, 18.3599, 13.7768

Monochromacy



Original Color

25.0409, 18.3411, 13.5297

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.4932, 17.8358, 17.4542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0409, 18.3411, 13.5297 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(181, 92, 97)` looks like.

```
.text, #text, p{  
    color:rgb(181, 92, 97)  
}
```

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(181, 92, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 92, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.0409, 18.3411, 13.5297 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(181, 92, 97) }
```


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

```
.border{ border-color:rgb(181, 92, 97) }
```

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

Here you see how a box with a 4 pixel rgb(181, 92, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 92, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 92, 97);  
box-shadow:4px 4px 4px 4px rgb(181, 92,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0409, 18.3411, 13.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 92, 97) }
```

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

```
.background{ background-color: rgb(181, 92,  
97) }
```

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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