

Converting Colors

XYZ(25.1370, 18.4406, 14.9587)

Have a look what the booklet for
XYZ(25.1370, 18.4406, 14.9587)
contains.

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Color

**XYZ(25.1849, 18.5113,
15.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	B45D67
RGB	180, 93, 103
RGB Percent	71%, 36%, 40%
CMY	0.2941, 0.6353, 0.5961
CMYK	0.00, 0.48, 0.43, 0.29
HSL	353°, 37%, 54%
HSV	353°, 48%, 71%
XYZ	25.1849, 18.5113, 15.0776
YIQ	120.1530, 48.6420, 21.5540

Conversions

Conversions Part 2

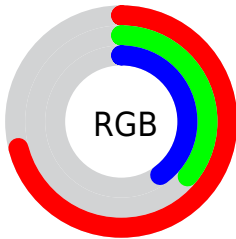
Format	Color
R_{YB}	180, 93, 103
Decimal	11820391
CIE Lab	50.11, 36.19, 10.51
CIE LCh	50, 37.684, 16.198
Yxy	18.5113, 0.4285, 0.3150
Android (android.graphics.Color)	4290010471 (0xFFB45D67)
YUV	120.1530, -8.4564, 52.4858
Hunter-Lab	43.0248, 29.1931, 9.3397

Details

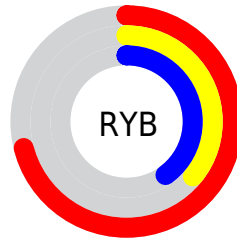
The XYZ color **25.1849, 18.5113, 15.0776** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.0921, 37.8723, 43.8620**, and the grayscale version is **17.9174, 18.8505, 20.5282**.

A 20% lighter version of the original color is **51.2180, 40.7610, 35.7400**, and **9.8899, 6.2984, 4.4358** is the 20% darker color. If you saturate the color by 10%, you get **23.0619, 15.4254, 10.7935**, and if you desaturate by 10%, it is **27.8331, 22.4037, 20.2889**.

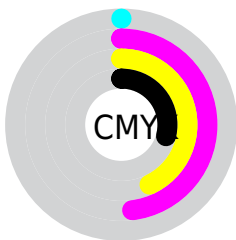
Distribution



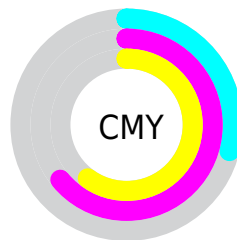
- Red (71%)
- Green (36%)
- Blue (40%)



- Red (71%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (43%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1849, 18.5113, 15.0776 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 25.1849, 18.5113, 15.0776 by changing the saturation by 10% instead.

 25.1849, 18.5113,
15.0776


 25.1849, 18.5113,
15.0776


271.0882,
243.7374, 235.4924


 16.3443, 11.3177,
8.7266


 51.3978, 40.9067,
35.7335


 9.8605, 6.2809,
4.4689


 69.5008, 56.8772,
50.8755

 5.3681, 3.0167,
1.8860

 91.4220, 76.5422,
69.7849

 2.5018, 1.1404,
0.4838

 117.5267,
100.2860, 92.8803

 0.8962, 0.0122,
0.0000

148.1803,
128.4930, 120.5802

 0.0000, 0.0000,
0.0000

183.7482,

161.5477, 153.3032

224.5957,
199.8343, 191.4677

■ 25.1849, 18.5113,
15.0776

■ 25.1849, 18.5113,
15.0776

■ 23.0619, 15.4254,
10.7935

■ 27.8331, 22.4037,
20.2889

■ 21.4275, 13.0868,
7.3809

■ 31.0370, 27.1507,
26.4765

■ 20.2425, 11.4325,
4.7800

■ 34.8263, 32.8002,
33.6871

■ 19.4613, 10.3881,
2.9226


■ 39.2284, 39.3955,
41.9642


■ 19.0130, 9.8318,
1.7243

■ 44.2689, 46.9773,
51.3488

 18.9547, 9.7562,
1.5782

 49.9717, 55.5837,
61.8798

 56.3599, 65.2510,
73.5940

 63.4551, 76.0136,
86.5267

 71.2765, 87.9009,
100.7111

Harmonies

Analogous

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



25.2810, 18.5113, 25.3110



25.1849, 18.5113, 15.0776



22.8817, 18.5113, 8.8964

Triad

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



25.1849, 18.5113, 15.0776



13.0221, 18.5113, 9.2434



15.9811, 18.5113, 46.4694

Complementary

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



25.1849, 18.5113, 15.0776



28.0921, 37.8723, 43.8620

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.



13.1917, 18.5113, 38.3003



25.1849, 18.5113, 15.0776



11.6490, 18.5113, 15.7527

Square

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



25.1849, 18.5113, 15.0776



15.7182, 18.5113, 6.4082



11.7065, 18.5113, 26.2623



19.6143, 18.5113, 46.0929

Rectangle

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



25.1849, 18.5113, 15.0776



20.5646, 18.5113, 6.8399



11.7065, 18.5113, 26.2623



14.9250, 18.5113, 44.5368

Sweetspot

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



25.1854, 18.5122, 15.0779



66.2758, 64.1542, 66.9832



28.6983, 19.6544, 45.4610



13.9678, 13.3319, 13.8051



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.



25.1854, 18.5122, 15.0779



41.5933, 27.6481, 19.1133



28.3045, 25.5059, 13.7886



8.5348, 8.5206, 9.0485



13.2426, 6.8146, 1.1717



0.4294, 0.2195, 0.1039

Inverse Universe

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



25.1854, 18.5122, 15.0779



41.5933, 27.6481, 19.1133



23.1326, 26.3821, 47.0529



8.5348, 8.5206, 9.0485



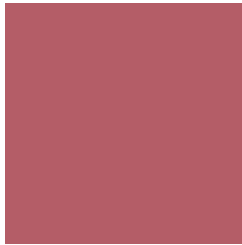
13.2426, 6.8146, 1.1717



0.4294, 0.2195, 0.1039

Previews

White Background



This preview shows how the XYZ color 25.1849, 18.5113, 15.0776 looks on a white background.

Color Contrast Check

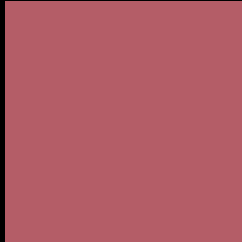
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1849, 18.5113, 15.0776 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 25.1849, 18.5113, 15.0776

Background



This preview shows how black text looks on a background with the XYZ color 25.1849, 18.5113, 15.0776.



This preview shows how white text looks on a background with the XYZ color 25.1849, 18.5113,

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

25.1849, 18.5113, 15.0776

Protanopia

17.9761, 18.6890, 19.4895

Deuteranopia

18.8641, 18.5656, 14.3937



Tritanopia

25.0370, 18.4521, 14.2986

Trichromacy



Original Color

25.1849, 18.5113, 15.0776

Protanomaly

20.0022, 18.2510, 17.7978

Deuteranomaly

20.6948, 18.2078, 14.4803

Tritanomaly

25.0857, 18.4716, 14.5551

Monochromacy



Original Color

25.1849, 18.5113, 15.0776

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.7685, 18.1175, 18.3747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1849, 18.5113, 15.0776 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(180, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(180, 93, 103)  
}
```

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(180, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 93, 103) }
```

Border

The CSS property to change the border of an element to XYZ 25.1849, 18.5113, 15.0776 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(180, 93, 103) }
```


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

```
.border{ border-color:rgb(180, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 93, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 93, 103);  
box-shadow:4px 4px 4px 4px rgb(180, 93,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1849, 18.5113, 15.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 93, 103) }
```

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

```
.background{ background-color: rgb(180, 93,  
103) }
```

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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