

Converting Colors

XYZ(25.0444, 17.2059, 17.0972)

Have a look what the booklet for
XYZ(25.0444, 17.2059, 17.0972)
contains.

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Color

**XYZ(25.0186, 17.1580,
17.0321)**

Conversions

Conversions Part 1

Format	Color
Hex	B5536F
RGB	181, 83, 111
RGB Percent	71%, 33%, 44%
CMY	0.2902, 0.6745, 0.5647
CMYK	0.00, 0.54, 0.39, 0.29
HSL	343°, 40%, 52%
HSV	343°, 54%, 71%
XYZ	25.0186, 17.1580, 17.0321
YIQ	115.4940, 49.4200, 29.4840

Conversions

Conversions Part 2

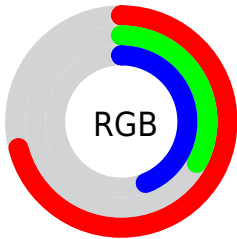
Format	Color
R_{YB}	181, 83, 111
Decimal	11883375
CIE Lab	48.46, 42.60, 3.37
CIE LCh	48, 42.734, 4.527
Yxy	17.1580, 0.4225, 0.2898
Android (android.graphics.Color)	4290073455 (0xFFB5536F)
YUV	115.4940, -2.2155, 57.4488
Hunter-Lab	41.4222, 35.3233, 4.6165

Details

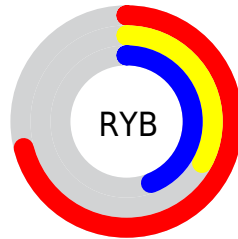
The XYZ color **25.0186, 17.1580, 17.0321** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.8419, 37.1872, 35.9552**, and the grayscale version is **16.4424, 17.2987, 18.8383**.

A 20% lighter version of the original color is **51.3502, 38.7779, 39.4288**, and **9.8471, 5.6587, 5.4237** is the 20% darker color. If you saturate the color by 10%, you get **23.1490, 14.4767, 13.1471**, and if you desaturate by 10%, it is **27.3537, 20.6052, 21.5810**.

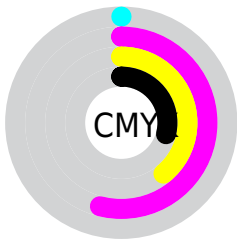
Distribution



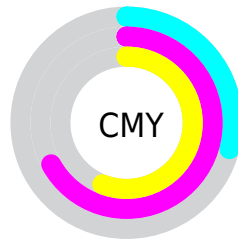
- Red (71%)
- Green (33%)
- Blue (44%)



- Red (71%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (54%)
- Yellow (39%)
- Black (29%)





- Cyan (29%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0186, 17.1580, 17.0321 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 25.0186, 17.1580, 17.0321 by changing the saturation by 10% instead.


 25.0186, 17.1580,
17.0321


 25.0186, 17.1580,
17.0321


270.2765,
236.0812, 247.4075


 16.2197, 10.3472,
10.0952


 51.1301, 38.5972,
39.1724


 9.7716, 5.6298,
5.3557


 69.1734, 53.9945,
55.2128


 5.3089, 2.6213,
2.3951

 91.0289, 73.0226,
75.1248

 2.4662, 0.9374,
0.7838

 117.0619, 96.0661,
99.3269

 0.8783, 0.0000,
0.0000

 147.6378,
123.5093, 128.2377

 0.0000, 0.0000,
0.0000

183.1220,

155.7367, 162.2757

223.8797,
193.1325, 201.8595

■ 25.0186, 17.1580,
17.0321

■ 25.0186, 17.1580,
17.0321

■ 23.1490, 14.4767,
13.1471

■ 27.3537, 20.6052,
21.5810

■ 21.7102, 12.4994,
9.8923

■ 30.1827, 24.8686,
26.8232

■ 20.6649, 11.1588,
7.2320

■ 33.5333, 29.9974,
32.7875

■ 19.9681, 10.3729,
5.1261

■ 37.4307, 36.0360,
39.5006

■ 19.6694, 10.0691,
4.1212

■ 41.8984, 43.0259,
46.9879

■ 46.9587, 51.0059,
55.2734

■ 52.6323, 60.0127,
64.3801

■ 58.9393, 70.0811,
74.3303

■ 65.8987, 81.2443,
85.1451

Harmonies

Analogous

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



24.0886, 17.1580, 29.5680



25.0186, 17.1580, 17.0321



23.3264, 17.1580, 8.9359

Triad

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



25.0186, 17.1580, 17.0321



12.4040, 17.1580, 5.9579



13.2812, 17.1580, 45.6736

Complementary

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



25.0186, 17.1580, 17.0321



25.8419, 37.1872, 35.9552

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.



10.8611, 17.1580, 33.7528



25.0186, 17.1580, 17.0321



10.4144, 17.1580, 10.8618

Square

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



25.0186, 17.1580, 17.0321



15.7214, 17.1580, 4.3814



9.8981, 17.1580, 20.4355



16.9094, 17.1580, 49.4531

Rectangle

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



25.0186, 17.1580, 17.0321



21.0764, 17.1580, 6.0536



9.8981, 17.1580, 20.4355



12.3195, 17.1580, 42.3028

Sweetspot

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



25.0191, 17.1589, 17.0324



65.4688, 62.0993, 68.0731



24.3087, 16.1606, 45.5543



13.8375, 12.9365, 14.1774



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.



25.0191, 17.1589, 17.0324



40.8994, 25.1433, 22.3257



25.4287, 20.0704, 10.7185



8.5929, 8.5439, 9.3545



13.5860, 6.9520, 2.9800



0.4533, 0.2290, 0.2295

Inverse Universe

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



25.0191, 17.1589, 17.0324



40.8994, 25.1433, 22.3257



24.7234, 30.8057, 48.3592



8.5929, 8.5439, 9.3545



13.5860, 6.9520, 2.9800



0.4533, 0.2290, 0.2295

Previews

White Background



This preview shows how the XYZ color 25.0186, 17.1580, 17.0321 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 25.0186, 17.1580, 17.0321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

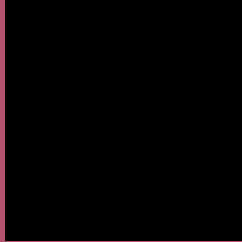
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0186, 17.1580, 17.0321

Background



This preview shows how black text looks on a background with the XYZ color 25.0186, 17.1580, 17.0321.



This preview shows how white text looks on a background with the XYZ color 25.0186, 17.1580,

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

25.0186, 17.1580, 17.0321

Protanopia

17.0994, 17.4506, 23.5862

Deuteranopia

17.6016, 17.3748, 16.0616



Tritanopia

24.0819, 17.1316, 12.1627

Trichromacy



Original Color

25.0186, 17.1580, 17.0321

Protanomaly

18.9066, 16.5338, 20.9338

Deuteranomaly

19.7549, 16.7796, 16.3850

Tritanomaly

24.3230, 17.1012, 13.8233

Monochromacy



Original Color

25.0186, 17.1580, 17.0321

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.5350, 16.4044, 18.1090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0186, 17.1580, 17.0321 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, 83, 111)` looks like.

```
.text, #text, p{  
    color:rgb(181, 83, 111)  
}
```

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, 83, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 83, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.0186, 17.1580, 17.0321 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, 83, 111) }
```


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

```
.border{ border-color:rgb(181, 83, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 83, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 83, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 83, 111);  
box-shadow:4px 4px 4px 4px rgb(181, 83,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0186, 17.1580, 17.0321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 83, 111) }
```

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

```
.background{ background-color: rgb(181, 83,  
111) }
```

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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