

Converting Colors

XYZ(25.8986, 15.9666, 18.2399)

Have a look what the booklet for
XYZ(25.8986, 15.9666, 18.2399)
contains.

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Color

**XYZ(25.8986, 15.9666,
18.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4374
RGB	188, 67, 116
RGB Percent	74%, 26%, 45%
CMY	0.2627, 0.7372, 0.5451
CMYK	0.00, 0.64, 0.38, 0.26
HSL	336°, 47%, 50%
HSV	336°, 64%, 74%
XYZ	25.8986, 15.9666, 18.2399
YIQ	108.7650, 56.3870, 40.8910

Conversions

Conversions Part 2

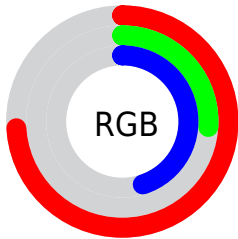
Format	Color
R_{YB}	188, 67, 116
Decimal	12338036
CIE _{Lab}	46.93, 52.90, -1.75
CIE _{LCh}	47, 52.929, 358.105
Yxy	15.9666, 0.4309, 0.2656
Android (android.graphics.Color)	4290528116 (0xFFBC4374)
YUV	108.7650, 3.5669, 69.4891
Hunter-Lab	39.9582, 45.7664, 0.9064

Details

The XYZ color **25.8986, 15.9666, 18.2399** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.9591, 39.0243, 30.6454**, and the grayscale version is **14.4490, 15.2015, 16.5544**.

A 20% lighter version of the original color is **52.7388, 36.7027, 41.3505**, and **10.2493, 5.1632, 5.9252** is the 20% darker color. If you saturate the color by 10%, you get **24.3447, 13.8383, 14.7023**, and if you desaturate by 10%, it is **27.8945, 18.8533, 22.3118**.

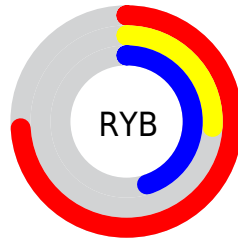
Distribution



Red (74%)

Green (26%)

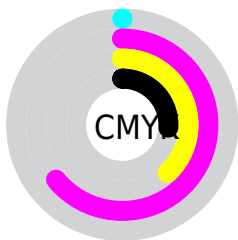
Blue (45%)



Red (74%)

Yellow (26%)

Blue (45%)

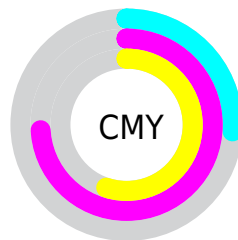


Cyan (0%)

Magenta (64%)

Yellow (38%)

Black (26%)



Cyan (26%)


Magenta (74%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8986, 15.9666, 18.2399 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 25.8986, 15.9666, 18.2399 by changing the saturation by 10% instead.


 25.8986, 15.9666,
18.2399


 25.8986, 15.9666,
18.2399


274.5498,
229.1446, 254.5012


 16.8801, 9.5005,
10.9511


 52.5438, 36.5402,
41.2651


 10.2438, 5.0691,
5.9202


 70.9012, 51.4165,
57.8387


 5.6244, 2.2878,
2.7286


 93.1022, 69.8651,
78.3442

 2.6565, 0.7673,
0.9578

 119.5123, 92.2702,
103.2004

 0.9749, 0.0000,
0.0000

 150.4967,
119.0163, 132.8256

 0.0000, 0.0000,
0.0000

186.4209,

150.4878, 167.6384

227.6501,
187.0691, 208.0574

■ 25.8986, 15.9666,
18.2399

■ 25.8986, 15.9666,
18.2399

■ 24.3447, 13.8383,
14.7023

■ 27.8945, 18.8533,
22.3118

■ 23.1921, 12.3916,
11.6714

■ 30.3653, 22.5605,
26.9416

■ 22.3940, 11.5377,
9.1171

■ 33.3424, 27.1464,
32.1523

■ 22.0480, 11.2150,
7.8633

■ 36.8538, 32.6633,
37.9649

■ 40.9255, 39.1596,
44.3997

■ 45.5815, 46.6800,
51.4754

■ 50.8448, 55.2666,
59.2104

■ 56.7367, 64.9590,
67.6220

■ 63.2777, 75.7949,
76.7268

Harmonies

Analogous

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



24.0366, 15.9666, 34.5900



25.8986, 15.9666, 18.2399



24.4380, 15.9666, 7.9428

Triad

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



25.8986, 15.9666, 18.2399



11.3637, 15.9666, 3.2145



10.9493, 15.9666, 49.1669

Complementary

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



25.8986, 15.9666, 18.2399



24.9591, 39.0243, 30.6454

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.



8.6110, 15.9666, 32.3356



25.8986, 15.9666, 18.2399



8.8140, 15.9666, 7.1094

Square

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



25.8986, 15.9666, 18.2399



15.4714, 15.9666, 2.3395



7.9160, 15.9666, 16.5571



14.8839, 15.9666, 57.2252

Rectangle

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



25.8986, 15.9666, 18.2399



21.9145, 15.9666, 4.4911



7.9160, 15.9666, 16.5571



9.9830, 15.9666, 44.0322

Sweetspot

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



25.8990, 15.9675, 18.2402



70.3867, 64.9126, 74.5486



21.4976, 13.0140, 48.9559



14.6908, 13.2497, 15.3229



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.



25.8990, 15.9675, 18.2402



43.2236, 23.9177, 24.3956



24.4125, 16.4170, 7.1933



9.6860, 9.5987, 10.7353



15.0462, 7.6496, 5.5369



0.6219, 0.3126, 0.3881

Inverse Universe

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



25.8990, 15.9675, 18.2402



43.2236, 23.9177, 24.3956



27.2963, 36.6323, 53.2091



9.6860, 9.5987, 10.7353



15.0462, 7.6496, 5.5369



0.6219, 0.3126, 0.3881

Previews

White Background



This preview shows how the XYZ color 25.8986, 15.9666, 18.2399 looks on a white background.

Color Contrast Check

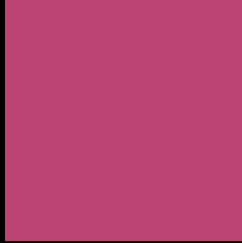
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8986, 15.9666, 18.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

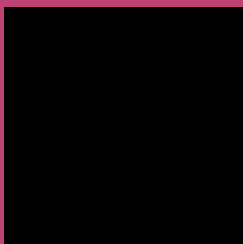
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.8986, 15.9666, 18.2399

Background



This preview shows how black text looks on a background with the XYZ color 25.8986, 15.9666, 18.2399.



This preview shows how white text looks on a background with the XYZ color 25.8986, 15.9666,

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

25.8986, 15.9666, 18.2399

Protanopia

16.3513, 16.2951, 28.2701

Deuteranopia

16.3454, 16.0619, 16.9906



Tritanopia

23.9716, 15.9256, 9.3999

Trichromacy



Original Color

25.8986, 15.9666, 18.2399

Protanomaly

18.3175, 15.0288, 24.1257

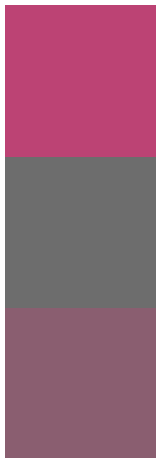
Deuteranomaly

18.8716, 15.2016, 17.2688

Tritanomaly

24.5428, 15.8641, 12.1245

Monochromacy



Original Color

25.8986, 15.9666, 18.2399

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.4086, 14.5785, 17.2256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8986, 15.9666, 18.2399 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(188, 67, 116)` looks like.

```
.text, #text, p{  
    color:rgb(188, 67, 116)  
}
```

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(188, 67, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 67, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.8986, 15.9666, 18.2399 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(188, 67, 116) }
```


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

```
.border{ border-color:rgb(188, 67, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 67, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 67, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 67, 116);  
box-shadow:4px 4px 4px 4px rgb(188, 67,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8986, 15.9666, 18.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 67, 116) }
```

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

```
.background{ background-color: rgb(188, 67,  
116) }
```

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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