

Converting Colors

XYZ(25.9723, 17.7516, 30.1945)

Have a look what the booklet for
XYZ(25.9723, 17.7516, 30.1945)
contains.

XYZ(25.9067, 17.6779, 30.0637)	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(25.9067, 17.6779,
30.0637)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5694
RGB	173, 86, 148
RGB Percent	68%, 34%, 58%
CMY	0.3216, 0.6627, 0.4196
CMYK	0.00, 0.50, 0.14, 0.32
HSL	317°, 35%, 51%
HSV	317°, 50%, 68%
XYZ	25.9067, 17.6779, 30.0637
YIQ	119.0810, 31.9500, 37.7260

Conversions

Conversions Part 2

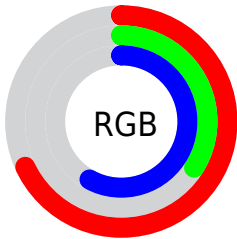
Format	Color
RYB	173, 86, 148
Decimal	11359892
CIELab	49.10, 43.57, -17.99
CIELCh	49, 47.136, 337.567
Yxy	17.6779, 0.3518, 0.2400
Android (android.graphics.Color)	4289549972 (0xFFAD5694)
YUV	119.0810, 14.2571, 47.2870
Hunter-Lab	42.0451, 36.4065, -12.9628

Details

The XYZ color **25.9067, 17.6779, 30.0637** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.6514, 33.0139, 20.2715**, and the grayscale version is **17.5100, 18.4218, 20.0614**.

A 20% lighter version of the original color is **52.5264, 39.5525, 60.7431**, and **10.2009, 5.8587, 11.9025** is the 20% darker color. If you saturate the color by 10%, you get **24.3039, 15.0883, 27.6295**, and if you desaturate by 10%, it is **27.8618, 20.9445, 32.6991**.

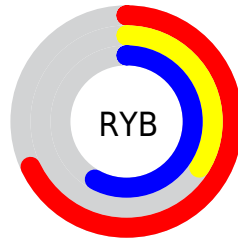
Distribution



Red (68%)

Green (34%)

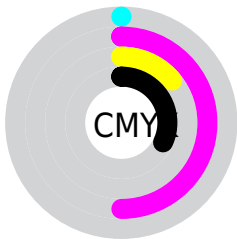
Blue (58%)



Red (68%)

Yellow (34%)

Blue (58%)

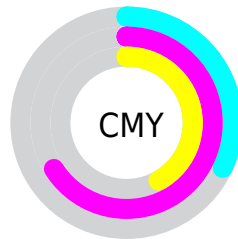


Cyan (0%)

Magenta (50%)

Yellow (14%)

Black (32%)



Cyan (32%)


Magenta (66%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9067, 17.6779, 30.0637 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 25.9067, 17.6779, 30.0637 by changing the saturation by 10% instead.

 25.9067, 17.6779,
30.0637


 25.9067, 17.6779,
30.0637

274.5889,
239.0492, 316.4178


 16.8862, 10.7190,
19.6345

 52.5568, 39.4877,
60.8251

 10.2482, 5.8782,
11.9482


 70.9170, 55.1074,
81.9944


 5.6273, 2.7712,
6.5863

 93.1212, 74.3828,
107.5807

 2.6583, 1.0135,
3.1303

 119.5347, 97.6983,
138.0027

 0.9758, 0.0000,
1.1615

 150.5229,
125.4383, 173.6789

 0.0000, 0.0000,
0.0000

186.4511,

157.9872, 215.0277

227.6846,
195.7293, 262.4679

■ 25.9067, 17.6779,
30.0637

■ 25.9067, 17.6779,
30.0637

■ 24.3039, 15.0883,
27.6295

■ 27.8618, 20.9445,
32.6991

■ 23.0270, 13.1241,
25.3861

■ 30.1899, 24.9298,
35.5431

■ 22.0484, 11.7302,
23.3235

■ 32.9118, 29.6752,
38.6038

■ 21.3350, 10.8407,
21.4295

■ 36.0466, 35.2181,
41.8884

■ 20.8268, 10.3216,
19.7272

■ 39.6117, 41.5935,
45.4039

■ 43.6238, 48.8343,
49.1567

■ 48.0986, 56.9715,
53.1530

■ 53.0511, 66.0347,
57.3987

■ 58.4954, 76.0521,
61.8993

Harmonies

Analogous

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



22.5114, 17.6779, 45.5766



25.9067, 17.6779, 30.0637



26.6708, 17.6779, 16.2282

Triad

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



25.9067, 17.6779, 30.0637



15.7118, 17.6779, 3.8283



10.9449, 17.6779, 38.1410

Complementary

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



25.9067, 17.6779, 30.0637



21.6514, 33.0139, 20.2715

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.



9.7290, 17.6779, 22.6214



25.9067, 17.6779, 30.0637



12.1506, 17.6779, 5.7154

Square

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



25.9067, 17.6779, 30.0637



20.2449, 17.6779, 4.4087



10.1282, 17.6779, 11.3984



13.7740, 17.6779, 51.4882

Rectangle

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



25.9067, 17.6779, 30.0637



25.4812, 17.6779, 10.0657



10.1282, 17.6779, 11.3984



10.3587, 17.6779, 32.7926

Sweetspot

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



25.9073, 17.6787, 30.0641



61.6694, 57.9519, 72.0417



17.3831, 13.0305, 41.1346



13.1572, 12.1617, 15.3979



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.9073, 17.6787, 30.0641



43.3325, 26.7160, 49.1647



23.1042, 16.5575, 15.3034



8.2375, 8.1082, 9.5613



15.3258, 7.5929, 14.6270



0.4484, 0.2200, 0.5231

Inverse Universe

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



25.9073, 17.6787, 30.0641



43.3325, 26.7160, 49.1647



24.6273, 34.2043, 35.9422



8.2375, 8.1082, 9.5613



15.3258, 7.5929, 14.6270



0.4484, 0.2200, 0.5231

Previews

White Background



This preview shows how the XYZ color 25.9067, 17.6779, 30.0637 looks on a white background.

Color Contrast Check

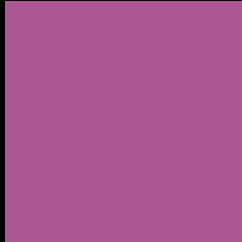
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9067, 17.6779, 30.0637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

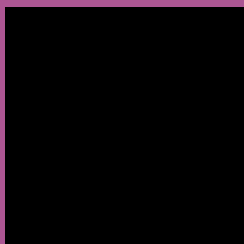
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9067, 17.6779, 30.0637

Background



This preview shows how black text looks on a background with the XYZ color 25.9067, 17.6779, 30.0637.



This preview shows how white text looks on a background with the XYZ color 25.9067, 17.6779,

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

25.9067, 17.6779, 30.0637

Protanopia

18.5320, 17.8164, 40.4924

Deuteranopia

18.2911, 17.9576, 28.4887



Tritanopia

22.7795, 17.6698, 15.0420

Trichromacy



Original Color

25.9067, 17.6779, 30.0637

Protanomaly

20.0761, 16.9449, 36.3950

Deuteranomaly

20.3777, 17.2633, 29.0462

Tritanomaly

23.7345, 17.5322, 19.5859

Monochromacy



Original Color

25.9067, 17.6779, 30.0637

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.9344, 17.6161, 23.4687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9067, 17.6779, 30.0637 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(173, 86, 148)` looks like.

```
.text, #text, p{  
    color:rgb(173, 86, 148)  
}
```

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(173, 86, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 86, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.9067, 17.6779, 30.0637 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(173, 86, 148) }
```


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

```
.border{ border-color:rgb(173, 86, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 86, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 86, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 86, 148);  
box-shadow:4px 4px 4px 4px rgb(173, 86,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9067, 17.6779, 30.0637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 86, 148) }
```

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

```
.background{ background-color: rgb(173, 86,  
148) }
```

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