

Converting Colors

XYZ(25.9218, 18.1593, 17.5498)

Have a look what the booklet for
XYZ(25.9218, 18.1593, 17.5498)
contains.

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Color

**XYZ(25.9428, 18.2166,
17.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	B75870
RGB	183, 88, 112
RGB Percent	72%, 35%, 44%
CMY	0.2824, 0.6549, 0.5608
CMYK	0.00, 0.52, 0.39, 0.28
HSL	345°, 40%, 53%
HSV	345°, 52%, 72%
XYZ	25.9428, 18.2166, 17.4780
YIQ	119.1410, 48.9160, 27.6040

Conversions

Conversions Part 2

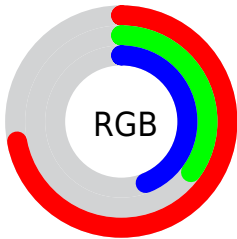
Format	Color
R_{YB}	183, 88, 112
Decimal	12015728
CIE Lab	49.76, 40.90, 4.68
CIE LCh	50, 41.165, 6.529
Yxy	18.2166, 0.4209, 0.2955
Android (android.graphics.Color)	4290205808 (0xFFB75870)
YUV	119.1410, -3.5205, 56.0043
Hunter-Lab	42.6809, 33.8063, 5.5971

Details

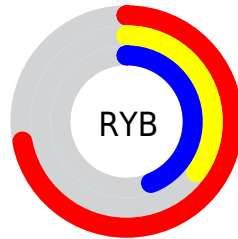
The XYZ color **25.9428, 18.2166, 17.4780** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.2170, 38.4453, 38.7895**, and the grayscale version is **17.5798, 18.4953, 20.1414**.

A 20% lighter version of the original color is **52.8437, 40.6073, 40.1748**, and **10.3087, 6.1439, 5.4931** is the 20% darker color. If you saturate the color by 10%, you get **23.9201, 15.2988, 13.3276**, and if you desaturate by 10%, it is **28.4592, 21.9365, 22.3641**.

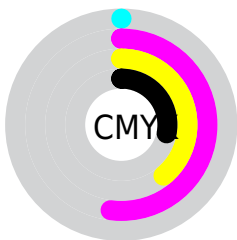
Distribution



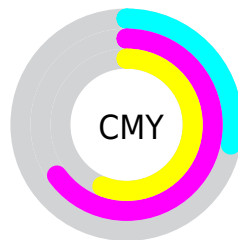
- Red (72%)
- Green (35%)
- Blue (44%)



- Red (72%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (28%)





- Cyan (28%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9428, 18.2166, 17.4780 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 25.9428, 18.2166, 17.4780 by changing the saturation by 10% instead.

 25.9428, 18.2166,
17.4780


 25.9428, 18.2166,
17.4780


274.7630,
242.0891, 250.0486


 16.9133, 11.1056,
10.4103


 52.6146, 40.4061,
39.9477


 10.2676, 6.1379,
5.5627


 70.9876, 56.2533,
56.1867

 5.6404, 2.9291,
2.5166

 93.2059, 75.7815,
76.3200

 2.6662, 1.0948,
0.8489

 119.6347, 99.3749,
100.7661

 0.9798, 0.0000,
0.0000

150.6395,
127.4179, 129.9434

 0.0000, 0.0000,
0.0000

186.5856,

160.2951, 164.2706

227.8383,
198.3907, 204.1662

■ 25.9428, 18.2166,
17.4780

■ 25.9428, 18.2166,
17.4780

■ 23.9201, 15.2988,
13.3276

■ 28.4592, 21.9365,
22.3641

■ 22.3557, 13.1208,
9.8749

■ 31.4985, 26.5094,
28.0192

■ 21.2115, 11.6154,
7.0798

■ 35.0893, 31.9849,
34.4757

■ 20.4423, 10.7018,
4.8972

■ 39.2576, 38.4083,
41.7636

■ 20.0260, 10.2663,
3.5341

■ 44.0279, 45.8217,
49.9117

■ 49.4232, 54.2647,
58.9470

■ 55.4650, 63.7747,
68.8956

■ 62.1743, 74.3872,
79.7824

■ 69.5706, 86.1361,
91.6312

Harmonies

Analogous

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



25.1969, 18.2166, 29.7440



25.9428, 18.2166, 17.4780



24.1112, 18.2166, 9.5537

Triad

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



25.9428, 18.2166, 17.4780



13.2009, 18.2166, 7.0465



14.4802, 18.2166, 46.9854

Complementary

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



25.9428, 18.2166, 17.4780



27.2170, 38.4453, 38.7895

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.



11.9323, 18.2166, 35.6746



25.9428, 18.2166, 17.4780



11.2755, 18.2166, 12.4143

Square

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



25.9428, 18.2166, 17.4780



16.4706, 18.2166, 5.1818



10.8488, 18.2166, 22.3944



18.1864, 18.2166, 49.9740

Rectangle

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



25.9428, 18.2166, 17.4780



21.8170, 18.2166, 6.7198



10.8488, 18.2166, 22.3944



13.4782, 18.2166, 43.8668

Sweetspot

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



25.9433, 18.2175, 17.4783



66.9287, 63.5651, 68.9273



26.0728, 17.6348, 46.8294



14.4466, 13.5221, 14.6360



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.9433, 18.2175, 17.4783



42.4887, 26.9014, 23.1194



26.8845, 21.9608, 12.0557



9.0952, 9.0484, 9.8487



13.9944, 7.1715, 2.5914



0.5191, 0.2631, 0.2269

Inverse Universe

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



25.9433, 18.2175, 17.4783



42.4887, 26.9014, 23.1194



25.2883, 30.9259, 49.4362



9.0952, 9.0484, 9.8487



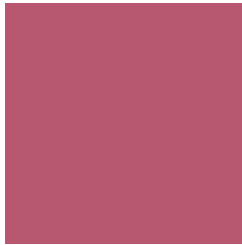
13.9944, 7.1715, 2.5914



0.5191, 0.2631, 0.2269

Previews

White Background



This preview shows how the XYZ color 25.9428, 18.2166, 17.4780 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 25.9428, 18.2166, 17.4780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

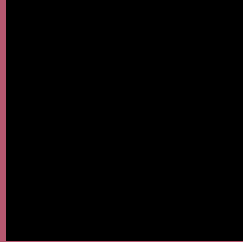
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9428, 18.2166, 17.4780

Background



This preview shows how black text looks on a background with the XYZ color 25.9428, 18.2166, 17.4780.



This preview shows how white text looks on a background with the XYZ color 25.9428, 18.2166,

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

25.9428, 18.2166, 17.4780

Protanopia

17.9121, 18.3934, 23.3751

Deuteranopia

18.6690, 18.4125, 16.7574



Tritanopia

25.1902, 18.2903, 13.5120

Trichromacy



Original Color

25.9428, 18.2166, 17.4780

Protanomaly

19.9882, 17.6962, 21.1011

Deuteranomaly

20.7608, 17.8827, 16.8255

Tritanomaly

25.3458, 18.2167, 14.7507

Monochromacy



Original Color

25.9428, 18.2166, 17.4780

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.6703, 17.7369, 18.9098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9428, 18.2166, 17.4780 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(183, 88, 112)` looks like.

```
.text, #text, p{  
    color:rgb(183, 88, 112)  
}
```

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(183, 88, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 88, 112) }
```

Border

The CSS property to change the border of an element to XYZ 25.9428, 18.2166, 17.4780 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(183, 88, 112) }
```


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

```
.border{ border-color:rgb(183, 88, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 88, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 88, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 88, 112);  
box-shadow:4px 4px 4px 4px rgb(183, 88,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9428, 18.2166, 17.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 88, 112) }
```

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

```
.background{ background-color: rgb(183, 88,  
112) }
```

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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