

Converting Colors

XYZ(25.8543, 17.6002, 30.3950)

Have a look what the booklet for
XYZ(25.8543, 17.6002, 30.3950)
contains.

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Color

**XYZ(25.9862, 17.7097,
30.4825)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5695
RGB	173, 86, 149
RGB Percent	68%, 34%, 58%
CMY	0.3216, 0.6627, 0.4157
CMYK	0.00, 0.50, 0.14, 0.32
HSL	317°, 35%, 51%
HSV	317°, 50%, 68%
XYZ	25.9862, 17.7097, 30.4825
YIQ	119.1950, 31.6290, 38.0370

Conversions

Conversions Part 2

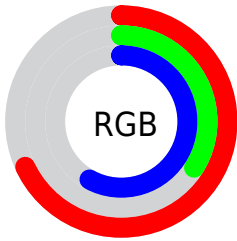
Format	Color
R_{YB}	173, 86, 149
Decimal	11359893
CIE _{Lab}	49.14, 43.73, -18.52
CIE _{LCh}	49, 47.493, 337.046
Yxy	17.7097, 0.3503, 0.2387
Android (android.graphics.Color)	4289549973 (0xFFAD5695)
YUV	119.1950, 14.6939, 47.1870
Hunter-Lab	42.0829, 36.5787, -13.4883

Details

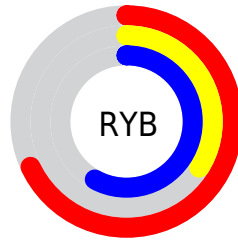
The XYZ color **25.9862, 17.7097, 30.4825** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.5966, 32.9920, 19.9830**, and the grayscale version is **17.5447, 18.4584, 20.1012**.

A 20% lighter version of the original color is **52.6452, 39.6000, 61.3688**, and **10.2478, 5.8774, 12.1496** is the 20% darker color. If you saturate the color by 10%, you get **24.3952, 15.1249, 28.1106**, and if you desaturate by 10%, it is **27.9282, 20.9710, 33.0488**.

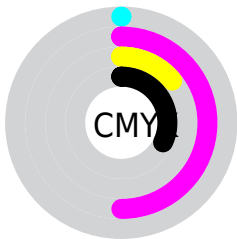
Distribution



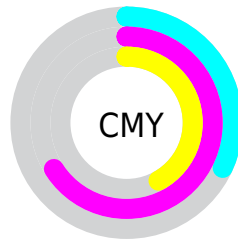
- Red (68%)
- Green (34%)
- Blue (58%)



- 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 25.9862, 17.7097, 30.4825 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 25.9862, 17.7097, 30.4825 by changing the saturation by 10% instead.

■ 25.9862, 17.7097,
30.4825

■ 25.9862, 17.7097,
30.4825

274.9723,
239.2296, 318.4241

■ 16.9459, 10.7418,
19.9500

■ 52.6841, 39.5420,
61.4944

■ 10.2910, 5.8935,
12.1750

■ 71.0725, 55.1752,
82.8108

■ 5.6561, 2.7804,
6.7390

■ 93.3077, 74.4656,
108.5589

■ 2.6758, 1.0182,
3.2234

■ 119.7550, 97.7976,
139.1573

■ 0.9847, 0.0000,
1.2098

■ 150.7797,
125.5557, 175.0245

■ 0.0000, 0.0000,
0.0000

186.7473,

158.1241, 216.5790

228.0230,
195.8873, 264.2393

■ 25.9862, 17.7097,
30.4825

■ 25.9862, 17.7097,
30.4825

■ 24.3952, 15.1249,
28.1106

■ 27.9282, 20.9710,
33.0488

■ 23.1289, 13.1649,
25.9229

■ 30.2418, 24.9506,
35.8167

■ 22.1596, 11.7747,
23.9095

■ 32.9480, 29.6897,
38.7943

■ 21.4544, 10.8885,
22.0583

■ 36.0656, 35.2257,
41.9888

■ 20.9530, 10.3720,
20.3916

■ 39.6122, 41.5937,
45.4068

■ 43.6044, 48.8265,
49.0547

■ 48.0579, 56.9552,
52.9386

■ 52.9875, 66.0092,
57.0642

■ 58.4076, 76.0169,
61.4371

Harmonies

Analogous

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



22.5205, 17.7097, 46.1381



25.9862, 17.7097, 30.4825



26.8120, 17.7097, 16.4351

Triad

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



25.9862, 17.7097, 30.4825



15.8064, 17.7097, 3.7688



10.8942, 17.7097, 38.0933

Complementary

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



25.9862, 17.7097, 30.4825



21.5966, 32.9920, 19.9830

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.



9.6990, 17.7097, 22.4419



25.9862, 17.7097, 30.4825



12.1933, 17.7097, 5.6068

Square

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



25.9862, 17.7097, 30.4825



20.3882, 17.7097, 4.3902



10.1289, 17.7097, 11.2297



13.7164, 17.7097, 51.7169

Rectangle

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



25.9862, 17.7097, 30.4825



25.6434, 17.7097, 10.1615



10.1289, 17.7097, 11.2297



10.3137, 17.7097, 32.6816

Sweetspot

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



25.9868, 17.7105, 30.4829



61.7192, 57.9717, 72.3035



17.2028, 12.9375, 41.1261



13.1694, 12.1666, 15.4619



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.



25.9868, 17.7105, 30.4829



43.4976, 26.7820, 50.0345



23.1792, 16.5875, 15.6986



8.2414, 8.1098, 9.5819



15.4180, 7.6297, 15.1124



0.4504, 0.2209, 0.5337

Inverse Universe

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



25.9868, 17.7105, 30.4829



43.4976, 26.7820, 50.0345



24.5070, 34.1562, 35.3091



8.2414, 8.1098, 9.5819



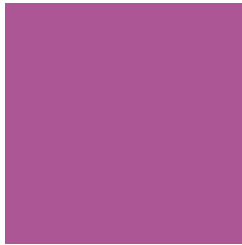
15.4180, 7.6297, 15.1124



0.4504, 0.2209, 0.5337

Previews

White Background



This preview shows how the XYZ color 25.9862, 17.7097, 30.4825 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 25.9862, 17.7097, 30.4825 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 25.9862, 17.7097, 30.4825

Background



This preview shows how black text looks on a background with the XYZ color 25.9862, 17.7097, 30.4825.



This preview shows how white text looks on a background with the XYZ color 25.9862, 17.7097,

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

25.9862, 17.7097, 30.4825

Protanopia

18.6270, 17.8544, 40.9926

Deuteranopia

18.2350, 17.9199, 28.8834



Tritanopia

22.7795, 17.6698, 15.0420

Trichromacy



Original Color

25.9862, 17.7097, 30.4825

Protanomaly

20.1654, 16.9806, 36.8651

Deuteranomaly

20.2920, 17.2102, 29.4465

Tritanomaly

23.7949, 17.5564, 19.9039

Monochromacy



Original Color

25.9862, 17.7097, 30.4825

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 25.9862, 17.7097, 30.4825 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(173, 86, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 86, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.9862, 17.7097, 30.4825 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, 149) }
```


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

```
.border{ border-color:rgb(173, 86, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 86, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 86, 149);  
box-shadow:4px 4px 4px 4px rgb(173, 86,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9862, 17.7097, 30.4825 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, 149) }
```

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

```
.background{ background-color: rgb(173, 86,  
149) }
```

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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