

Converting Colors

XYZ(25.5241, 17.7061, 25.3218)

Have a look what the booklet for
XYZ(25.5241, 17.7061, 25.3218)
contains.

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Color

**XYZ(25.5313, 17.7079,
25.3649)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5788
RGB	175, 87, 136
RGB Percent	69%, 34%, 53%
CMY	0.3137, 0.6588, 0.4667
CMYK	0.00, 0.50, 0.22, 0.31
HSL	327°, 35%, 51%
HSV	327°, 50%, 69%
XYZ	25.5313, 17.7079, 25.3649
YIQ	118.8980, 36.7190, 33.8950

Conversions

Conversions Part 2

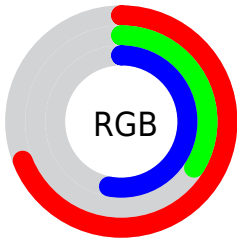
Format	Color
R_{YB}	175, 87, 136
Decimal	11491208
CIE _{Lab}	49.14, 41.84, -10.75
CIE _{LCh}	49, 43.197, 345.588
Yxy	17.7079, 0.3722, 0.2581
Android (android.graphics.Color)	4289681288 (0xFFAF5788)
YUV	118.8980, 8.4313, 49.2015
Hunter-Lab	42.0808, 34.6585, -6.2815

Details

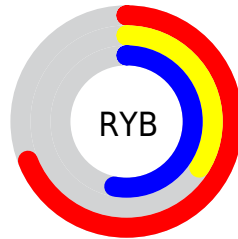
The XYZ color **25.5313, 17.7079, 25.3649** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.0271, 34.1930, 25.1264**, and the grayscale version is **17.4689, 18.3787, 20.0144**.

A 20% lighter version of the original color is **51.8421, 39.5861, 53.0526**, and **10.0265, 5.8670, 9.4081** is the 20% darker color. If you saturate the color by 10%, you get **23.7510, 14.9976, 22.1496**, and if you desaturate by 10%, it is **27.6960, 21.1228, 28.9055**.

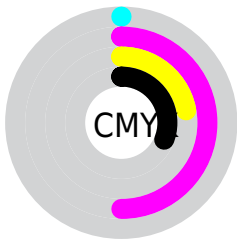
Distribution



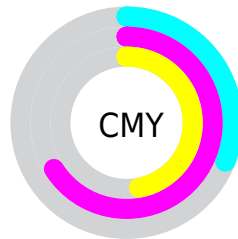
- Red (69%)
- Green (34%)
- Blue (53%)



- Red (69%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (22%)
- Black (31%)





- Cyan (31%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5313, 17.7079, 25.3649 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 25.5313, 17.7079, 25.3649 by changing the saturation by 10% instead.


 25.5313, 17.7079,
25.3649


 25.5313, 17.7079,
25.3649


272.7727,
239.2194, 293.1560


 16.6042, 10.7405,
16.1276


 51.9546, 39.5390,
53.2200


 10.0462, 5.8926,
9.4592


 70.1814, 55.1714,
72.6750


 5.4921, 2.7799,
4.9410

 92.2388, 74.4609,
96.3729

 2.5765, 1.0179,
2.1546

 118.4923, 97.7920,
124.7323

 0.9340, 0.0000,
0.6480

 149.3070,
125.5490, 158.1718

 0.0000, 0.0000,
0.0000

185.0484,

158.1163, 197.1099

226.0819,
195.8783, 241.9651

■ 25.5313, 17.7079,
25.3649

■ 25.5313, 17.7079,
25.3649

■ 23.7510, 14.9976,
22.1496

■ 27.6960, 21.1228,
28.9055

■ 22.3274, 12.9384,
19.2457

■ 30.2671, 25.2853,
32.7822

■ 21.2314, 11.4734,
16.6395

■ 33.2665, 30.2383,
37.0065

■ 20.4284, 10.5345,
14.3149

■ 36.7144, 36.0206,
41.5888

■ 19.8575, 9.9853,
12.2979

■ 40.6294, 42.6681,
46.5390

■ 45.0291, 50.2151,
51.8666

■ 49.9302, 58.6937,
57.5806

■ 55.3484, 68.1344,
63.6897

■ 61.2990, 78.5665,
70.2024

Harmonies

Analogous

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



23.0120, 17.7079, 39.4163



25.5313, 17.7079, 25.3649



25.4768, 17.7079, 13.8991

Triad

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



25.5313, 17.7079, 25.3649



14.8284, 17.7079, 4.8103



11.9589, 17.7079, 39.9390

Complementary

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



25.5313, 17.7079, 25.3649



23.0271, 34.1930, 25.1264

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.



10.4025, 17.7079, 25.8985



25.5313, 17.7079, 25.3649



11.8693, 17.7079, 7.5265

Square

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



25.5313, 17.7079, 25.3649



18.8392, 17.7079, 4.7636



10.3725, 17.7079, 14.2570



14.9705, 17.7079, 49.8517

Rectangle

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



25.5313, 17.7079, 25.3649



23.9713, 17.7079, 9.0156



10.3725, 17.7079, 14.2570



11.2710, 17.7079, 35.3422

Sweetspot

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



25.5318, 17.7088, 25.3652



62.5786, 59.1683, 70.3187



19.6238, 14.2826, 42.2801



13.6291, 12.6824, 15.2553



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.5318, 17.7088, 25.3652



42.3231, 26.5426, 39.2579



23.0579, 16.7192, 12.3379



8.1849, 8.0872, 9.2844



14.2519, 7.1633, 8.9719



0.4234, 0.2101, 0.3916

Inverse Universe

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



25.5318, 17.7088, 25.3652



42.3231, 26.5426, 39.2579



26.4350, 35.5561, 43.0718



8.1849, 8.0872, 9.2844



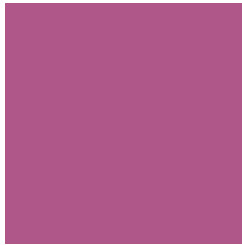
14.2519, 7.1633, 8.9719



0.4234, 0.2101, 0.3916

Previews

White Background



This preview shows how the XYZ color 25.5313, 17.7079, 25.3649 looks on a white background.

Color Contrast Check

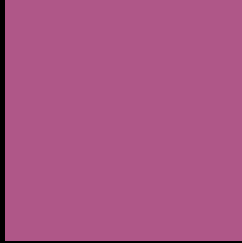
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5313, 17.7079, 25.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

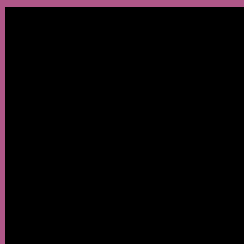
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5313, 17.7079, 25.3649

Background



This preview shows how black text looks on a background with the XYZ color 25.5313, 17.7079, 25.3649.



This preview shows how white text looks on a background with the XYZ color 25.5313, 17.7079,

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

25.5313, 17.7079, 25.3649

Protanopia

18.1900, 17.9553, 33.9595

Deuteranopia

18.1401, 17.8109, 23.9545



Tritanopia

23.3649, 17.7156, 14.4999

Trichromacy



Original Color

25.5313, 17.7079, 25.3649

Protanomaly

19.8365, 17.0984, 30.6886

Deuteranomaly

20.1685, 17.2568, 24.4582

Tritanomaly

24.0119, 17.5813, 18.0476

Monochromacy



Original Color

25.5313, 17.7079, 25.3649

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.6068, 17.4850, 21.7436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5313, 17.7079, 25.3649 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(175, 87, 136)` looks like.

```
.text, #text, p{  
    color:rgb(175, 87, 136)  
}
```

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(175, 87, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 87, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.5313, 17.7079, 25.3649 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(175, 87, 136) }
```


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

```
.border{ border-color:rgb(175, 87, 136) }
```

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

Here you see how a box with a 4 pixel rgb(175, 87, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 87, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 87, 136);  
box-shadow:4px 4px 4px 4px rgb(175, 87,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5313, 17.7079, 25.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 87, 136) }
```

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

```
.background{ background-color: rgb(175, 87,  
136) }
```

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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