

Converting Colors

XYZ(25.5794, 18.6305, 26.0707)

Have a look what the booklet for
XYZ(25.5794, 18.6305, 26.0707)
contains.

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Color

**XYZ(25.5313, 18.5822,
25.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5E89
RGB	172, 94, 137
RGB Percent	67%, 37%, 54%
CMY	0.3255, 0.6314, 0.4627
CMYK	0.00, 0.45, 0.20, 0.33
HSL	327°, 32%, 52%
HSV	327°, 45%, 67%
XYZ	25.5313, 18.5822, 25.9080
YIQ	122.2240, 32.6850, 29.9090

Conversions

Conversions Part 2

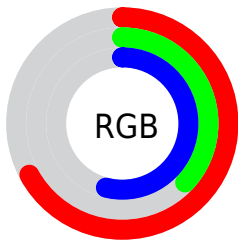
Format	Color
R_{YB}	172, 94, 137
Decimal	11296393
CIE Lab	50.19, 37.29, -9.80
CIE LCh	50, 38.558, 345.269
Yxy	18.5822, 0.3646, 0.2654
Android (android.graphics.Color)	4289486473 (0xFFAC5E89)
YUV	122.2240, 7.2846, 43.6536
Hunter-Lab	43.1071, 30.2839, -5.4592

Details

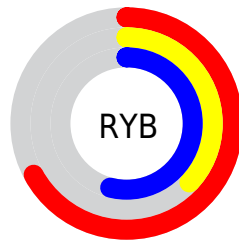
The XYZ color **25.5313, 18.5822, 25.9080** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.3319, 33.4702, 26.0011**, and the grayscale version is **18.5418, 19.5075, 21.2436**.

A 20% lighter version of the original color is **51.8862, 40.9335, 53.8814**, and **10.0922, 6.3410, 9.7088** is the 20% darker color. If you saturate the color by 10%, you get **23.6348, 15.6436, 22.6412**, and if you desaturate by 10%, it is **27.8093, 22.2200, 29.4978**.

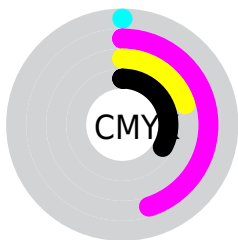
Distribution



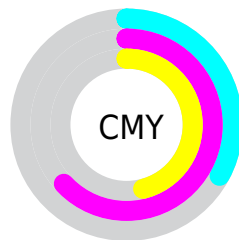
- Red (67%)
- Green (37%)
- Blue (54%)



- Red (67%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5313, 18.5822, 25.9080 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, 18.5822, 25.9080 by changing the saturation by 10% instead.


 25.5313, 18.5822,
25.9080


 25.5313, 18.5822,
25.9080


272.7727,
244.1325, 295.9213


 16.6042, 11.3688,
16.5297

 51.9546, 41.0269,
54.1088


 10.0462, 6.3155,
9.7413


 70.1814, 57.0270,
73.7683

 5.4921, 3.0378,
5.1244

 92.2388, 76.7247,
97.6919

 2.5765, 1.1515,
2.2604

 118.4923,
100.5046, 126.2983

 0.9340, 0.0216,
0.7089

149.3070,
128.7509, 160.0058

 0.0000, 0.0000,
0.0000

185.0484,

161.8480, 199.2331

226.0819,
200.1804, 244.3988

■ 25.5313, 18.5822,
25.9080

■ 25.5313, 18.5822,
25.9080

■ 23.6348, 15.6436,
22.6412

■ 27.8093, 22.2200,
29.4978

■ 22.0944, 13.3555,
19.6844

■ 30.4888, 26.5962,
33.4205

■ 20.8842, 11.6669,
17.0248

■ 33.5902, 31.7503,
37.6872

■ 19.9735, 10.5180,
14.6479

■ 37.1320, 37.7183,
42.3075

■ 19.3242, 9.8340,
12.5364

■ 41.1317, 44.5336,
47.2911

■ 19.0706, 9.5936,
11.6295

■ 45.6057, 52.2281,
52.6468

■ 50.5697, 60.8319,
58.3833

■ 56.0383, 70.3735,
64.5090

■ 62.0260, 80.8804,
71.0319

Harmonies

Analogous

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



23.2527, 18.5822, 38.3684



25.5313, 18.5822, 25.9080



25.5090, 18.5822, 15.2986

Triad

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



25.5313, 18.5822, 25.9080



15.8424, 18.5822, 6.1972



13.0866, 18.5822, 38.5776

Complementary

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



25.5313, 18.5822, 25.9080



23.3319, 33.4702, 26.0011

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.



11.6156, 18.5822, 26.1281



25.5313, 18.5822, 25.9080



13.0477, 18.5822, 8.9603

Square

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



25.5313, 18.5822, 25.9080



19.5458, 18.5822, 6.1746



11.6025, 18.5822, 15.4536



15.9030, 18.5822, 47.2514

Rectangle

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



25.5313, 18.5822, 25.9080



24.1766, 18.5822, 10.5516



11.6025, 18.5822, 15.4536



12.4371, 18.5822, 34.5339

Sweetspot

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



25.5319, 18.5831, 25.9084



61.6016, 58.7124, 69.2564



20.3220, 15.5587, 40.9619



13.1135, 12.3009, 14.6844



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.



25.5319, 18.5831, 25.9084



42.9951, 28.5596, 41.2884



23.2784, 17.6817, 14.0417



8.1830, 8.0865, 9.2746



14.2196, 7.1504, 8.8016



0.4226, 0.2097, 0.3873

Inverse Universe

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



25.5319, 18.5831, 25.9084



42.9951, 28.5596, 41.2884



26.3258, 34.6678, 41.7667



8.1830, 8.0865, 9.2746



14.2196, 7.1504, 8.8016



0.4226, 0.2097, 0.3873

Previews

White Background



This preview shows how the XYZ color 25.5313, 18.5822, 25.9080 looks on a white background.

Color Contrast Check

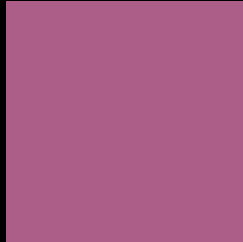
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.5313, 18.5822, 25.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

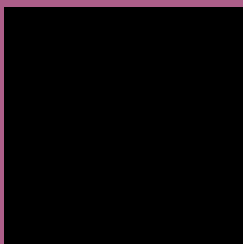
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5313, 18.5822, 25.9080

Background



This preview shows how black text looks on a background with the XYZ color 25.5313, 18.5822, 25.9080.



This preview shows how white text looks on a background with the XYZ color 25.5313, 18.5822,

25.9080.

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, 18.5822, 25.9080

Protanopia

18.9851, 18.9063, 33.2205

Deuteranopia

19.0524, 18.7760, 24.8103



Tritanopia

23.5732, 18.6109, 16.2597

Trichromacy



Original Color

25.5313, 18.5822, 25.9080

Protanomaly

20.5941, 18.2765, 30.4593

Deuteranomaly

20.9270, 18.4093, 25.0046

Tritanomaly

24.2153, 18.5894, 19.4514

Monochromacy



Original Color

25.5313, 18.5822, 25.9080

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.4402, 18.6961, 22.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5313, 18.5822, 25.9080 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(172, 94, 137)` looks like.

```
.text, #text, p{  
    color:rgb(172, 94, 137)  
}
```

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(172, 94, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 94, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.5313, 18.5822, 25.9080 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(172, 94, 137) }
```


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

```
.border{ border-color:rgb(172, 94, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 94, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 94, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 94, 137);  
box-shadow:4px 4px 4px 4px rgb(172, 94,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5313, 18.5822, 25.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 94, 137) }
```

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

```
.background{ background-color: rgb(172, 94,  
137) }
```

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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