

Converting Colors

XYZ(25.5924, 18.5316, 29.6268)

Have a look what the booklet for
XYZ(25.5924, 18.5316, 29.6268)
contains.

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Color

**XYZ(25.6313, 18.5470,
29.8328)**

Conversions

Conversions Part 1

Format	Color
Hex	A95E93
RGB	169, 94, 147
RGB Percent	66%, 37%, 58%
CMY	0.3373, 0.6314, 0.4235
CMYK	0.00, 0.44, 0.13, 0.34
HSL	318°, 30%, 52%
HSV	318°, 44%, 66%
XYZ	25.6313, 18.5470, 29.8328
YIQ	122.4670, 27.6870, 32.3830

Conversions

Conversions Part 2

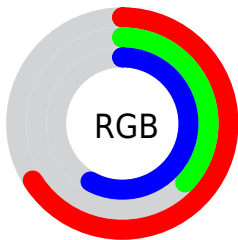
Format	Color
R_{YB}	169, 94, 147
Decimal	11099795
CIE _{Lab}	50.15, 37.89, -15.84
CIE _{LCh}	50, 41.070, 337.310
Yxy	18.5470, 0.3463, 0.2506
Android (android.graphics.Color)	4289289875 (0xFFA95E93)
YUV	122.4670, 12.0948, 40.8094
Hunter-Lab	43.0662, 30.8702, -10.9250

Details

The XYZ color **25.6313, 18.5470, 29.8328** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9572, 32.0170, 21.5469**, and the grayscale version is **18.6072, 19.5763, 21.3186**.

A 20% lighter version of the original color is **52.1855, 40.9436, 60.4108**, and **10.0822, 6.2907, 11.7492** is the 20% darker color. If you saturate the color by 10%, you get **23.9092, 15.7117, 27.3807**, and if you desaturate by 10%, it is **27.7004, 22.0487, 32.4837**.

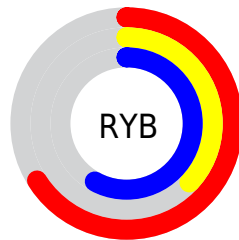
Distribution



Red (66%)

Green (37%)

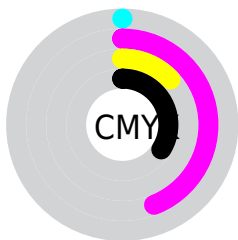
Blue (58%)



Red (66%)

Yellow (37%)

Blue (58%)

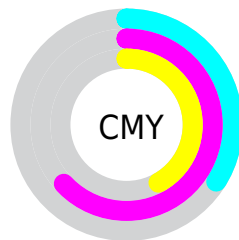


Cyan (0%)

Magenta (44%)

Yellow (13%)

Black (34%)



Cyan (34%)

Magenta (63%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6313, 18.5470, 29.8328 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 25.6313, 18.5470, 29.8328 by changing the saturation by 10% instead.

■ 25.6313, 18.5470,
29.8328

■ 25.6313, 18.5470,
29.8328

273.2574,
243.9364, 315.3073

■ 16.6792, 11.3434,
19.4607

■ 52.1151, 40.9672,
60.4555

■ 10.1000, 6.2983,
11.8235

■ 70.3775, 56.9526,
81.5433

■ 5.5281, 3.0273,
6.5025

■ 92.4742, 76.6341,
107.0400

■ 2.5982, 1.1460,
3.0793

■ 118.7703,
100.3961, 137.3643

■ 0.9450, 0.0169,
1.1353

149.6314,
128.6229, 172.9346

■ 0.0000, 0.0000,
0.0000

185.4227,

161.6989, 214.1695

226.5096,
200.0087, 261.4876

■ 25.6313, 18.5470,
29.8328

■ 25.6313, 18.5470,
29.8328

■ 23.9092, 15.7117,
27.3807

■ 27.7004, 22.0487,
32.4837

■ 22.5103, 13.4968,
25.1178

■ 30.1346, 26.2539,
35.3398

■ 21.4109, 11.8545,
23.0354

■ 32.9529, 31.1998,
38.4088


■ 20.5826, 10.7286,
21.1230


■ 36.1725, 36.9204,
41.6971

■ 19.9915, 10.0518,
19.3681


■ 39.8093, 43.4475,
45.2113

 19.7176, 9.7772,
18.4348

 43.8787, 50.8111,
48.9572

 48.3949, 59.0397,
52.9406

 53.3717, 68.1604,
57.1670

 58.8221, 78.1992,
61.6416

Harmonies

Analogous

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



22.6601, 18.5470, 42.9895



25.6313, 18.5470, 29.8328



26.3145, 18.5470, 17.5442

Triad

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



25.6313, 18.5470, 29.8328



16.6769, 18.5470, 5.3647



12.2374, 18.5470, 36.5131

Complementary

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



25.6313, 18.5470, 29.8328



21.9572, 32.0170, 21.5469

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.



11.1010, 18.5470, 23.0992



25.6313, 18.5470, 29.8328



13.4027, 18.5470, 7.3383

Square

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



25.6313, 18.5470, 29.8328



20.7330, 18.5470, 6.0137



11.4932, 18.5470, 12.8941



14.8502, 18.5470, 47.7481

Rectangle

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



25.6313, 18.5470, 29.8328



25.2997, 18.5470, 11.7482



11.4932, 18.5470, 12.8941



11.6894, 18.5470, 31.9479

Sweetspot

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



25.6319, 18.5479, 29.8332



59.6390, 56.9771, 69.4410



18.2682, 14.5328, 39.3786



12.7476, 11.9750, 14.8707



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.6319, 18.5479, 29.8332



42.9397, 28.3327, 49.2179



23.1937, 17.5726, 16.9938



7.7467, 7.6285, 8.9834



14.7196, 7.2965, 13.8666



0.3788, 0.1858, 0.4463

Inverse Universe

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



25.6319, 18.5479, 29.8332



42.9397, 28.3327, 49.2179



24.5338, 33.0477, 35.1152



7.7467, 7.6285, 8.9834



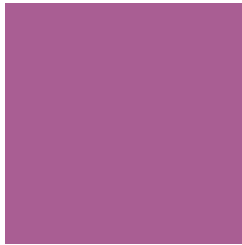
14.7196, 7.2965, 13.8666



0.3788, 0.1858, 0.4463

Previews

White Background



This preview shows how the XYZ color 25.6313, 18.5470, 29.8328 looks on a white background.

Color Contrast Check

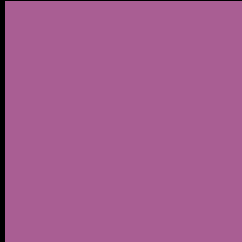
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6313, 18.5470, 29.8328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

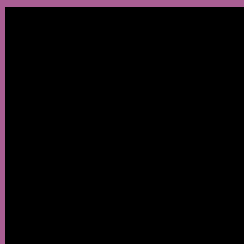
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6313, 18.5470, 29.8328

Background



This preview shows how black text looks on a background with the XYZ color 25.6313, 18.5470, 29.8328.



This preview shows how white text looks on a background with the XYZ color 25.6313, 18.5470,

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

25.6313, 18.5470, 29.8328

Protanopia

19.2138, 18.7377, 38.2014

Deuteranopia

19.0649, 18.6988, 28.5910



Tritanopia

23.0287, 18.6062, 16.8456

Trichromacy



Original Color

25.6313, 18.5470, 29.8328

Protanomaly

20.6935, 18.0730, 34.7455

Deuteranomaly

20.9839, 18.3542, 28.8223

Tritanomaly

23.7629, 18.4607, 21.0497

Monochromacy



Original Color

25.6313, 18.5470, 29.8328

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.5384, 18.7160, 24.0028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6313, 18.5470, 29.8328 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(169, 94, 147)` looks like.

```
.text, #text, p{  
    color:rgb(169, 94, 147)  
}
```

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(169, 94, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 94, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.6313, 18.5470, 29.8328 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(169, 94, 147) }
```


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

```
.border{ border-color:rgb(169, 94, 147) }
```

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

Here you see how a box with a 4 pixel rgb(169, 94, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 94, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 94, 147);  
box-shadow:4px 4px 4px 4px rgb(169, 94,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6313, 18.5470, 29.8328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 94, 147) }
```

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

```
.background{ background-color: rgb(169, 94,  
147) }
```

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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