

Converting Colors

XYZ(25.0644, 16.9403, 27.9354)

Have a look what the booklet for
XYZ(25.0644, 16.9403, 27.9354)
contains.

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Color

**XYZ(25.0644, 16.9403,
27.9354)**

Conversions

Conversions Part 1

Format	Color
Hex	AC538F
RGB	172, 83, 143
RGB Percent	67%, 33%, 56%
CMY	0.3255, 0.6745, 0.4392
CMYK	0.00, 0.52, 0.17, 0.33
HSL	320°, 35%, 50%
HSV	320°, 52%, 67%
XYZ	25.0644, 16.9403, 27.9354
YIQ	116.4510, 33.7840, 37.5280

Conversions

Conversions Part 2

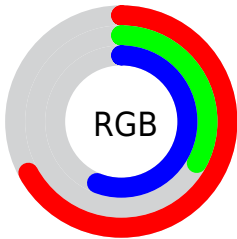
Format	Color
RYB	172, 83, 143
Decimal	11293583
CIELab	48.18, 43.98, -16.42
CIElCh	48, 46.942, 339.523
Yxy	16.9403, 0.3584, 0.2422
Android (android.graphics.Color)	4289483663 (0xFFAC538F)
YUV	116.4510, 13.0887, 48.7165
Hunter-Lab	41.1586, 36.6738, -11.4306

Details

The XYZ color **25.0644, 16.9403, 27.9354** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.2452, 32.5144, 20.4867**, and the grayscale version is **16.6932, 17.5625, 19.1256**.

A 20% lighter version of the original color is **51.1953, 38.2975, 57.5172**, and **9.7762, 5.5008, 10.9024** is the 20% darker color. If you saturate the color by 10%, you get **23.4940, 14.4619, 25.3692**, and if you desaturate by 10%, it is **26.9835, 20.0817, 30.7228**.

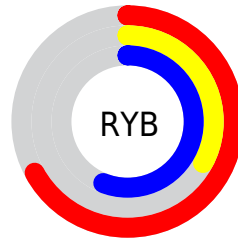
Distribution



Red (67%)

Green (33%)

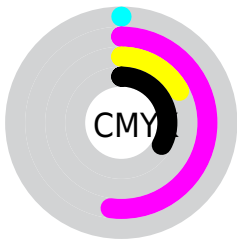
Blue (56%)



Red (67%)

Yellow (33%)

Blue (56%)

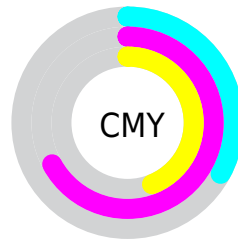


Cyan (0%)

Magenta (52%)

Yellow (17%)

Black (33%)



Cyan (33%)


Magenta (67%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0644, 16.9403, 27.9354 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 25.0644, 16.9403, 27.9354 by changing the saturation by 10% instead.


 25.0644, 16.9403,
27.9354


 25.0644, 16.9403,
27.9354


270.5002,
234.8281, 306.0603


 16.2540, 10.1919,
18.0384


 51.2038, 38.2231,
57.4031


 9.7961, 5.5264,
10.8078


 69.2636, 53.5263,
77.8109


 5.3252, 2.5593,
5.8252

 91.1372, 72.4500,
102.5594

 2.4760, 0.9063,
2.6720

 117.1900, 95.3784,
132.0670

 0.8832, 0.0000,
0.9293

 147.7873,
122.6960, 166.7524

 0.0000, 0.0000,
0.0000

183.2946,

154.7873, 207.0340

224.0771,
192.0365, 253.3305

■ 25.0644, 16.9403,
27.9354

■ 25.0644, 16.9403,
27.9354

■ 23.4940, 14.4619,
25.3692

■ 26.9835, 20.0817,
30.7228

■ 22.2458, 12.5946,
23.0135

■ 29.2721, 23.9279,
33.7394

■ 21.2919, 11.2831,
20.8574

■ 31.9512, 28.5201,
36.9938

■ 20.5987, 10.4605,
18.8884

■ 35.0397, 33.8958,
40.4936

■ 20.1630, 10.0306,
17.3821

■ 38.5552, 40.0896,
44.2462

■ 42.5143, 47.1344,
48.2585

■ 46.9327, 55.0611,
52.5370

■ 51.8253, 63.8991,
57.0880

■ 57.2063, 73.6763,
61.9176

Harmonies

Analogous

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



21.9005, 16.9403, 43.1217



25.0644, 16.9403, 27.9354



25.6123, 16.9403, 14.8279

Triad

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



25.0644, 16.9403, 27.9354



14.7830, 16.9403, 3.6298



10.5705, 16.9403, 37.7779

Complementary

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



25.0644, 16.9403, 27.9354



21.2452, 32.5144, 20.4867

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.



9.2954, 16.9403, 22.6073



25.0644, 16.9403, 27.9354



11.4284, 16.9403, 5.6173

Square

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



25.0644, 16.9403, 27.9354



19.1420, 16.9403, 4.0365



9.5790, 16.9403, 11.3919



13.4009, 16.9403, 50.3301

Rectangle

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



25.0644, 16.9403, 27.9354



24.3378, 16.9403, 9.1278



9.5790, 16.9403, 11.3919



9.9706, 16.9403, 32.5979

Sweetspot

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



25.0649, 16.9411, 27.9357



60.9262, 56.8789, 70.5192



17.1191, 12.5574, 40.5515



13.0014, 11.9450, 15.0534



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.



25.0649, 16.9411, 27.9357



42.2777, 25.7085, 45.4159



22.3744, 15.8649, 13.7679



8.2244, 8.1030, 9.4924



15.0305, 7.4747, 13.0719



0.4418, 0.2174, 0.4884

Inverse Universe

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



25.0649, 16.9411, 27.9357



42.2777, 25.7085, 45.4159



24.2943, 33.7340, 36.5435



8.2244, 8.1030, 9.4924



15.0305, 7.4747, 13.0719



0.4418, 0.2174, 0.4884

Previews

White Background



This preview shows how the XYZ color 25.0644, 16.9403, 27.9354 looks on a white background.

Color Contrast Check

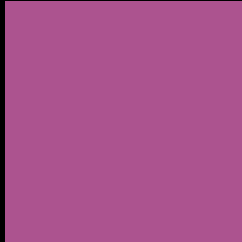
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0644, 16.9403, 27.9354 looks on a black 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

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

XYZ 25.0644, 16.9403, 27.9354

Background



This preview shows how black text looks on a background with the XYZ color 25.0644, 16.9403, 27.9354.



This preview shows how white text looks on a background with the XYZ color 25.0644, 16.9403,

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

25.0644, 16.9403, 27.9354

Protanopia

17.7337, 17.1235, 37.9678

Deuteranopia

17.4518, 17.0682, 26.4194



Tritanopia

22.3149, 17.0544, 13.9201

Trichromacy



Original Color

25.0644, 16.9403, 27.9354

Protanomaly

19.2946, 16.2970, 34.0270

Deuteranomaly

19.5406, 16.4351, 26.9533

Tritanomaly

23.0291, 16.8176, 18.2520

Monochromacy



Original Color

25.0644, 16.9403, 27.9354

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.8696, 16.6412, 21.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0644, 16.9403, 27.9354 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, 83, 143)` looks like.

```
.text, #text, p{  
    color:rgb(172, 83, 143)  
}
```

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, 83, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 83, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.0644, 16.9403, 27.9354 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, 83, 143) }
```


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

```
.border{ border-color:rgb(172, 83, 143) }
```

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

Here you see how a box with a 4 pixel rgb(172, 83, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 83, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 83, 143);  
box-shadow:4px 4px 4px 4px rgb(172, 83,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0644, 16.9403, 27.9354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 83, 143) }
```

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

```
.background{ background-color: rgb(172, 83,  
143) }
```

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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