

Converting Colors

XYZ(24.8905, 16.7544, 31.0027)

Have a look what the booklet for
XYZ(24.8905, 16.7544, 31.0027)
contains.

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Color

**XYZ(25.0414, 16.8559,
31.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	A95397
RGB	169, 83, 151
RGB Percent	66%, 33%, 59%
CMY	0.3373, 0.6745, 0.4078
CMYK	0.00, 0.51, 0.11, 0.34
HSL	313°, 34%, 49%
HSV	313°, 51%, 66%
XYZ	25.0414, 16.8559, 31.2118
YIQ	116.4660, 29.4280, 39.3800

Conversions

Conversions Part 2

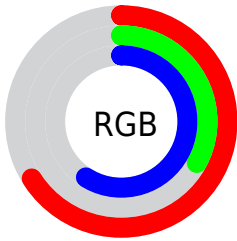
Format	Color
R_{YB}	169, 83, 151
Decimal	11096983
CIE _{Lab}	48.08, 44.34, -21.39
CIE _{LCh}	48, 49.229, 334.244
Yxy	16.8559, 0.3425, 0.2306
Android (android.graphics.Color)	4289287063 (0xFFA95397)
YUV	116.4660, 17.0253, 46.0723
Hunter-Lab	41.0559, 37.0253, -16.3347

Details

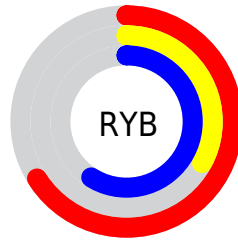
The XYZ color **25.0414, 16.8559, 31.2118** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **20.1050, 31.1552, 17.2671**, and the grayscale version is **16.6871, 17.5561, 19.1186**.

A 20% lighter version of the original color is **51.1876, 38.1848, 62.4301**, and **9.8348, 5.4935, 12.5986** is the 20% darker color. If you saturate the color by 10%, you get **23.6196, 14.4649, 29.3417**, and if you desaturate by 10%, it is **26.7881, 19.8822, 33.2330**.

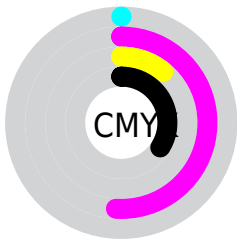
Distribution



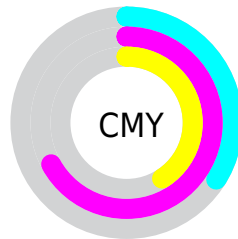
- Red (66%)
- Green (33%)
- Blue (59%)



- Red (66%)
- Yellow (33%)
- Blue (59%)



- Cyan (0%)
- Magenta (51%)
- Yellow (11%)
- Black (34%)





- Cyan (34%)
- Magenta (67%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0414, 16.8559, 31.2118 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 25.0414, 16.8559, 31.2118 by changing the saturation by 10% instead.

 25.0414, 16.8559,
31.2118


 25.0414, 16.8559,
31.2118


270.3879,
234.3406, 321.8943


 16.2368, 10.1318,
20.5004


 51.1668, 38.0779,
62.6569

 9.7838, 5.4864,
12.5716


 69.2183, 53.3445,
84.2276


 5.3170, 2.5354,
7.0070


 91.0828, 72.2274,
110.2551

 2.4711, 0.8943,
3.3880

 117.1257, 95.1111,
141.1580

 0.8807, 0.0000,
1.2960

 147.7122,
122.3798, 177.3548

 0.0000, 0.0000,
0.0585

183.2079,

 0.0000, 0.0000,

154.4181, 219.2641

0.0000

223.9780,
191.6102, 267.3044

■ 25.0414, 16.8559,
31.2118

■ 25.0414, 16.8559,
31.2118

■ 23.6196, 14.4649,
29.3417

■ 26.7881, 19.8822,
33.2330

■ 22.4976, 12.6602,
27.6136

■ 28.8790, 23.5834,
35.4118

■ 21.6494, 11.3895,
26.0185

■ 31.3340, 27.9987,
37.7551

■ 21.0436, 10.5902,
24.5457

■ 34.1707, 33.1634,
40.2693

■ 20.6394, 10.1459,
23.2883

■ 37.4060, 39.1108,
42.9603

■ 41.0552, 45.8718,
45.8336

■ 45.1333, 53.4760,
48.8945

■ 49.6542, 61.9513,
52.1480

■ 54.6313, 71.3242,
55.5989

Harmonies

Analogous

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



21.3413, 16.8559, 47.0221



25.0414, 16.8559, 31.2118



26.1726, 16.8559, 16.5968

Triad

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



25.0414, 16.8559, 31.2118



15.3954, 16.8559, 3.1483



9.9316, 16.8559, 35.9100

Complementary

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



25.0414, 16.8559, 31.2118



20.1050, 31.1552, 17.2671

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.



8.9065, 16.8559, 20.2293



25.0414, 16.8559, 31.2118



11.6678, 16.8559, 4.6254

Square

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



25.0414, 16.8559, 31.2118



20.0393, 16.8559, 3.9381



9.4778, 16.8559, 9.6232



12.5794, 16.8559, 50.5041

Rectangle

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



25.0414, 16.8559, 31.2118



25.1703, 16.8559, 10.0098



9.4778, 16.8559, 9.6232



9.4106, 16.8559, 30.3832

Sweetspot

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



25.0419, 16.8567, 31.2121



58.8841, 55.1698, 70.1071



15.5332, 11.7727, 38.9903



12.6123, 11.6209, 15.0831



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.



25.0419, 16.8567, 31.2121



42.0308, 25.4617, 52.1622



22.2057, 15.7222, 16.2769



7.7736, 7.6393, 9.1252



15.4021, 7.5696, 17.4610



0.3912, 0.1908, 0.5115

Inverse Universe

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



25.0419, 16.8567, 31.2121



42.0308, 25.4617, 52.1622



22.7291, 32.2048, 31.0851



7.7736, 7.6393, 9.1252



15.4021, 7.5696, 17.4610



0.3912, 0.1908, 0.5115

Previews

White Background



This preview shows how the XYZ color 25.0414, 16.8559, 31.2118 looks on a white background.

Color Contrast Check

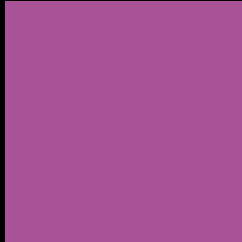
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0414, 16.8559, 31.2118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

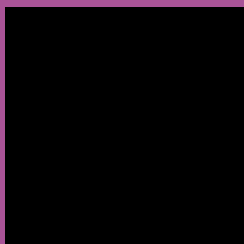
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0414, 16.8559, 31.2118

Background



This preview shows how black text looks on a background with the XYZ color 25.0414, 16.8559, 31.2118.



This preview shows how white text looks on a background with the XYZ color 25.0414, 16.8559,

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

25.0414, 16.8559, 31.2118

Protanopia

18.0593, 17.1934, 42.4112

Deuteranopia

17.4001, 17.1368, 29.5848



Tritanopia

21.6615, 16.8375, 14.4202

Trichromacy



Original Color

25.0414, 16.8559, 31.2118

Protanomaly

19.5195, 16.3209, 38.1978

Deuteranomaly

19.4567, 16.4662, 30.1698

Tritanomaly

22.7118, 16.7512, 19.4890

Monochromacy



Original Color

25.0414, 16.8559, 31.2118

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.9044, 16.6365, 22.9837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0414, 16.8559, 31.2118 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, 83, 151)` looks like.

```
.text, #text, p{  
  color:rgb(169, 83, 151)  
}
```

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, 83, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 83, 151) }
```

Border

The CSS property to change the border of an element to XYZ 25.0414, 16.8559, 31.2118 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, 83, 151) }
```


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

```
.border{ border-color:rgb(169, 83, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 83, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 83, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 83, 151);  
box-shadow:4px 4px 4px 4px rgb(169, 83,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0414, 16.8559, 31.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 83, 151) }
```

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

```
.background{ background-color: rgb(169, 83,  
151) }
```

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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