

Converting Colors

XYZ(16.2866, 13.7745, 24.9135)

Have a look what the booklet for
XYZ(16.2866, 13.7745, 24.9135)
contains.

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Color

**XYZ(16.3318, 13.8479,
25.1047)**

Conversions

Conversions Part 1

Format	Color
Hex	795E88
RGB	121, 94, 136
RGB Percent	47%, 37%, 53%
CMY	0.5255, 0.6314, 0.4667
CMYK	0.11, 0.31, 0.00, 0.47
HSL	279°, 18%, 45%
HSV	279°, 31%, 53%
XYZ	16.3318, 13.8479, 25.1047
YIQ	106.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

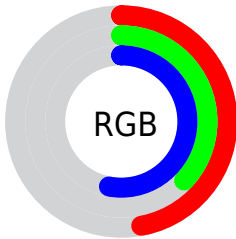
Format	Color
R_{YB}	121, 94, 136
Decimal	7954056
CIE Lab	44.01, 19.29, -19.17
CIE LCh	44, 27.194, 315.186
Yxy	13.8479, 0.2954, 0.2505
Android (android.graphics.Color)	4286144136 (0xFF795E88)
YUV	106.8610, 14.3655, 12.3999
Hunter-Lab	37.2128, 13.2171, -13.9496

Details

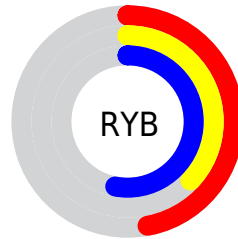
The XYZ color **16.3318, 13.8479, 25.1047** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.1316, 21.6680, 13.8697**, and the grayscale version is **13.8980, 14.6218, 15.9231**.

A 20% lighter version of the original color is **36.7663, 32.9236, 52.5612**, and **5.3687, 4.0826, 9.3092** is the 20% darker color. If you saturate the color by 10%, you get **14.5638, 11.2969, 24.7057**, and if you desaturate by 10%, it is **18.3480, 16.8439, 25.5769**.

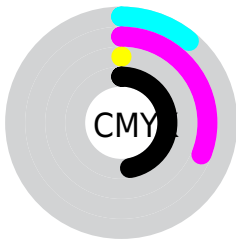
Distribution



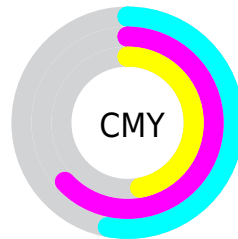
- Red (47%)
- Green (37%)
- Blue (53%)



- Red (47%)
- Yellow (37%)
- Blue (53%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3318, 13.8479, 25.1047 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 16.3318, 13.8479, 25.1047 by changing the saturation by 10% instead.

■ 16.3318, 13.8479,
25.1047

■ 16.3318, 13.8479,
25.1047

224.5238,
216.2825, 291.8233

■ 9.8516, 8.0150,
15.9353

■ 36.7261, 32.8189,
52.7933

■ 5.3622, 4.1045,
9.3246

■ 51.3709, 46.7258,
72.1495

■ 2.4982, 1.7322,
4.8538

■ 69.4679, 64.0927,
95.7385

■ 0.8944, 0.4444,
2.1045

■ 91.3825, 85.3041,
123.9788

■ 0.0000, 0.0000,
0.6184

117.4800,
110.7444, 157.2889

■ 0.0000, 0.0000,
0.0000

148.1258,

140.7980, 196.0873

183.6853,
175.8492, 240.7926

■ 16.3318, 13.8479,
25.1047

■ 16.3318, 13.8479,
25.1047

■ 14.5638, 11.2969,
24.7057

■ 18.3480, 16.8439,
25.5769

■ 13.0311, 9.1666,
24.3753

■ 20.6221, 20.3042,
26.1250

■ 11.7214, 7.4329,
24.1097

■ 23.1645, 24.2491,
26.7524

■ 10.6206, 6.0684,
23.9043

■ 25.9850, 28.6968,
27.4623

■ 9.7129, 5.0423,
23.7541

■ 29.0925, 33.6651,
28.2575

■ 8.9799, 4.3184,
23.6530

■ 32.4958, 39.1704,
29.1407

■ 8.4147, 3.8246,
23.5875

■ 36.2031, 45.2288,
30.1147

■ 40.2223, 51.8555,
31.1819

■ 44.5612, 59.0650,
32.3448

Harmonies

Analogous

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



14.2796, 13.8479, 29.7070



16.3318, 13.8479, 25.1047



17.5967, 13.8479, 18.3264

Triad

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



16.3318, 13.8479, 25.1047



14.2521, 13.8479, 6.2578



9.5487, 13.8479, 18.4115

Complementary

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



16.3318, 13.8479, 25.1047



17.1316, 21.6680, 13.8697

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.



9.5430, 13.8479, 12.2381



16.3318, 13.8479, 25.1047



12.1043, 13.8479, 6.2690

Square

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



16.3318, 13.8479, 25.1047



16.3098, 13.8479, 8.1192



10.4314, 13.8479, 8.1554



10.4478, 13.8479, 25.1815

Rectangle

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



16.3318, 13.8479, 25.1047



17.7439, 13.8479, 14.0287



10.4314, 13.8479, 8.1554



9.4457, 13.8479, 16.1783

Sweetspot

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



16.3323, 13.8485, 25.1050



37.0635, 36.8928, 46.2159



14.5719, 15.1806, 25.4549



8.4552, 8.3463, 10.6717



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.3323, 13.8485, 25.1050



26.5797, 21.2116, 43.7417



18.2126, 14.8626, 23.1693



5.0635, 5.0411, 6.3120



7.9745, 3.6251, 22.3251



0.0690, 0.0323, 0.1491

Inverse Universe

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



16.9168, 14.3443, 16.3456



27.8711, 22.2841, 25.4227



15.7016, 20.9007, 15.1626



5.1019, 5.0762, 5.6249



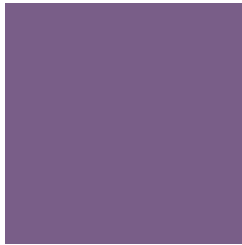
10.1301, 5.1622, 3.1897



0.0738, 0.0369, 0.0555

Previews

White Background



This preview shows how the XYZ color 16.3318, 13.8479, 25.1047 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 16.3318, 13.8479, 25.1047 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 16.3318, 13.8479, 25.1047

Background



This preview shows how black text looks on a background with the XYZ color 16.3318, 13.8479, 25.1047.



This preview shows how white text looks on a background with the XYZ color 16.3318, 13.8479,

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

16.3318, 13.8479, 25.1047

Protanopia

14.3224, 14.0108, 27.9361

Deuteranopia

14.0915, 13.8206, 24.4792



Tritanopia

14.5471, 13.9578, 15.8373

Trichromacy



Original Color

16.3318, 13.8479, 25.1047

Protanomaly

14.8843, 13.8914, 26.7078

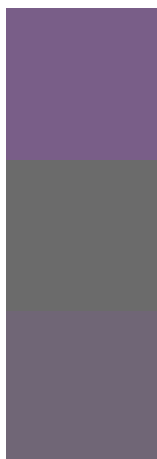
Deuteranomaly

14.7789, 13.7371, 24.7943

Tritanomaly

15.1089, 13.8949, 19.0252

Monochromacy



Original Color

16.3318, 13.8479, 25.1047

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.7035, 14.2555, 19.1162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3318, 13.8479, 25.1047 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(121, 94, 136)` looks like.

```
.text, #text, p{  
    color:rgb(121, 94, 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(121, 94, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 94, 136) }
```

Border

The CSS property to change the border of an element to XYZ 16.3318, 13.8479, 25.1047 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(121, 94, 136) }
```


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

```
.border{ border-color:rgb(121, 94, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 94, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 94, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 94, 136);  
box-shadow:4px 4px 4px 4px rgb(121, 94,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3318, 13.8479, 25.1047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 94, 136) }
```

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

```
.background{ background-color: rgb(121, 94,  
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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