

Converting Colors

XYZ(18.9734, 16.0920, 28.3454)

Have a look what the booklet for
XYZ(18.9734, 16.0920, 28.3454)
contains.

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Color

**XYZ(19.0478, 16.1463,
28.4982)**

Conversions

Conversions Part 1

Format	Color
Hex	836590
RGB	131, 101, 144
RGB Percent	51%, 40%, 56%
CMY	0.4863, 0.6039, 0.4353
CMYK	0.09, 0.30, 0.00, 0.44
HSL	282°, 18%, 48%
HSV	282°, 30%, 56%
XYZ	19.0478, 16.1463, 28.4982
YIQ	114.8720, 4.0770, 19.7330

Conversions

Conversions Part 2

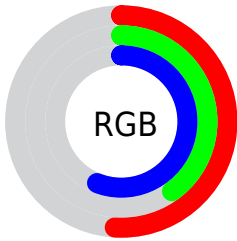
Format	Color
R_{YB}	131, 101, 144
Decimal	8611216
CIE _{Lab}	47.17, 20.33, -19.03
CIE _{LCh}	47, 27.846, 316.900
Yxy	16.1463, 0.2991, 0.2535
Android (android.graphics.Color)	4286801296 (0xFF836590)
YUV	114.8720, 14.3601, 14.1443
Hunter-Lab	40.1825, 14.2955, -13.9219

Details

The XYZ color **19.0478, 16.1463, 28.4982** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.2623, 24.4640, 16.0195**, and the grayscale version is **16.2144, 17.0588, 18.5771**.

A 20% lighter version of the original color is **41.1884, 36.7240, 58.3437**, and **6.6883, 5.1780, 11.0029** is the 20% darker color. If you saturate the color by 10%, you get **17.1102, 13.2509, 28.0417**, and if you desaturate by 10%, it is **21.2598, 19.5476, 29.0384**.

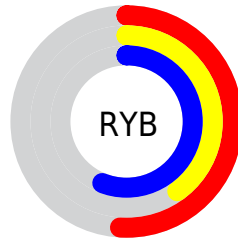
Distribution



Red (51%)

Green (40%)

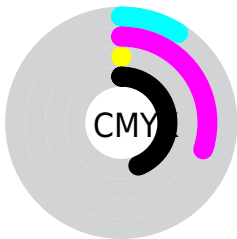
Blue (56%)



Red (51%)

Yellow (40%)

Blue (56%)

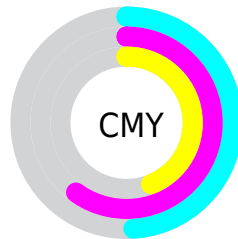


Cyan (9%)

Magenta (30%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0478, 16.1463, 28.4982 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 19.0478, 16.1463, 28.4982 by changing the saturation by 10% instead.

■ 19.0478, 16.1463,
28.4982

■ 19.0478, 16.1463,
28.4982

239.6456,
230.2035, 308.8264

■ 11.8090, 9.6277,
18.4592

■ 41.3311, 36.8520,
58.3115

■ 6.6851, 5.1528,
11.1074

■ 57.1063, 51.8079,
78.9229

■ 3.3105, 2.3372,
6.0240

■ 76.4578, 70.3451,
103.8956

■ 1.3200, 0.7933,
2.7907

■ 99.7508, 92.8479,
133.6480

■ 0.1981, 0.0000,
0.9888

127.3507,
119.7008, 168.5988

■ 0.0000, 0.0000,
0.0000

159.6229,

151.2880, 209.1664

196.9328,
187.9941, 255.7694

■ 19.0478, 16.1463,
28.4982

■ 19.0478, 16.1463,
28.4982

■ 17.1102, 13.2509,
28.0417

■ 21.2598, 19.5476,
29.0384

■ 15.4323, 10.8337,
27.6636

■ 23.7567, 23.4767,
29.6652

■ 14.0003, 8.8673,
27.3595

■ 26.5506, 27.9567,
30.3826

■ 12.7985, 7.3206,
27.1243

■ 29.6522, 33.0084,
31.1943

■ 11.8089, 6.1585,
26.9521

■ 33.0717, 38.6520,
32.1033

■ 11.0109, 5.3401,
26.8362

■ 36.8187, 44.9062,
33.1130

■ 10.3502, 4.7574,
26.7586

■ 40.9027, 51.7892,
34.2264

■ 10.3412, 4.7495,
26.7575

■ 45.3324, 59.3184,
35.4462

■ 50.1165, 67.5104,
36.7752

Harmonies

Analogous

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



16.7565, 16.1463, 33.8975



19.0478, 16.1463, 28.4982



20.4047, 16.1463, 20.8176

Triad

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



19.0478, 16.1463, 28.4982



16.4387, 16.1463, 7.4456



11.2678, 16.1463, 21.7994

Complementary

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



19.0478, 16.1463, 28.4982



19.2623, 24.4640, 16.0195

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.



11.2021, 16.1463, 14.6978



19.0478, 16.1463, 28.4982



14.0180, 16.1463, 7.5769

Square

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



19.0478, 16.1463, 28.4982



18.7940, 16.1463, 9.4580



12.1588, 16.1463, 9.8824



12.3489, 16.1463, 29.3797

Rectangle

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



19.0478, 16.1463, 28.4982



20.5118, 16.1463, 16.0098



12.1588, 16.1463, 9.8824



11.1306, 16.1463, 19.2509

Sweetspot

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



19.0483, 16.1470, 28.4986



42.2167, 41.9093, 52.4023



16.4886, 16.9553, 28.7895



9.5396, 9.3856, 11.9810



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.0483, 16.1470, 28.4986



31.1946, 24.8727, 49.6948



20.6080, 17.0182, 25.5352



5.4697, 5.4303, 6.7886



9.0296, 4.1485, 23.3019



0.1087, 0.0512, 0.2238

Inverse Universe

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



19.1931, 16.4523, 18.0844



31.5884, 25.5596, 27.8469



18.0947, 23.8153, 18.0790



5.4718, 5.4493, 5.9826



10.4136, 5.3225, 2.5635



0.1084, 0.0544, 0.0712

Previews

White Background



This preview shows how the XYZ color 19.0478, 16.1463, 28.4982 looks on a white background.

Color Contrast Check

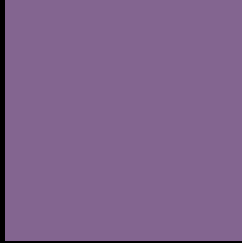
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0478, 16.1463, 28.4982 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 19.0478, 16.1463, 28.4982

Background



This preview shows how black text looks on a background with the XYZ color 19.0478, 16.1463, 28.4982.



This preview shows how white text looks on a background with the XYZ color 19.0478, 16.1463,

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

19.0478, 16.1463, 28.4982

Protanopia

16.5259, 16.3126, 31.5558

Deuteranopia

16.5218, 16.2307, 27.8532



Tritanopia

17.1046, 16.2652, 18.4576

Trichromacy



Original Color

19.0478, 16.1463, 28.4982

Protanomaly

17.1585, 16.0330, 30.2073

Deuteranomaly

17.4181, 16.2116, 28.1977

Tritanomaly

17.7196, 16.1987, 21.9314

Monochromacy



Original Color

19.0478, 16.1463, 28.4982

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.2270, 16.7232, 22.0586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0478, 16.1463, 28.4982 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(131, 101, 144)` looks like.

```
.text, #text, p{  
    color:rgb(131, 101, 144)  
}
```

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(131, 101, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 101, 144) }
```

Border

The CSS property to change the border of an element to XYZ 19.0478, 16.1463, 28.4982 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(131, 101, 144) }
```


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

```
.border{ border-color:rgb(131, 101, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 101, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 101, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 101, 144);  
box-shadow:4px 4px 4px 4px rgb(131, 101,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0478, 16.1463, 28.4982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 101, 144) }
```

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

```
.background{ background-color: rgb(131,  
101, 144) }
```

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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