

Converting Colors

XYZ(19.7076, 16.5151, 27.5287)

Have a look what the booklet for
XYZ(19.7076, 16.5151, 27.5287)
contains.

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Color

**XYZ(19.6147, 16.4647,
27.3435)**

Conversions

Conversions Part 1

Format	Color
Hex	88658D
RGB	136, 101, 141
RGB Percent	53%, 40%, 55%
CMY	0.4667, 0.6039, 0.4471
CMYK	0.04, 0.28, 0.00, 0.45
HSL	292°, 17%, 47%
HSV	292°, 28%, 55%
XYZ	19.6147, 16.4647, 27.3435
YIQ	116.0250, 8.0200, 19.8600

Conversions

Conversions Part 2

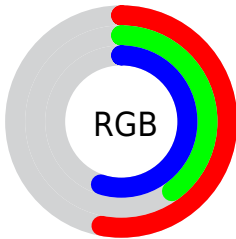
Format	Color
R _Y B	136, 101, 141
Decimal	8938893
CIE _{Lab}	47.58, 21.43, -16.56
CIE _{LCh}	48, 27.084, 322.297
Y _{xy}	16.4647, 0.3093, 0.2596
Android (android.graphics.Color)	4287128973 (0xFF88658D)
Y _{UV}	116.0250, 12.3127, 17.5181
Hunter-Lab	40.5767, 15.2773, -11.5501

Details

The XYZ color **19.6147, 16.4647, 27.3435** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.8183, 23.0540, 15.8235**, and the grayscale version is **16.5703, 17.4332, 18.9848**.

A 20% lighter version of the original color is **42.3138, 37.3438, 56.6076**, and **7.0452, 5.3721, 10.5631** is the 20% darker color. If you saturate the color by 10%, you get **18.0776, 13.8118, 26.9127**, and if you desaturate by 10%, it is **21.3924, 19.5913, 27.8535**.

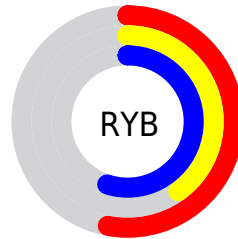
Distribution



Red (53%)

Green (40%)

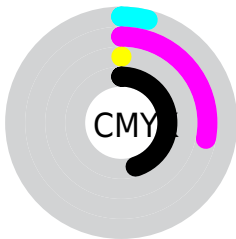
Blue (55%)



Red (53%)

Yellow (40%)

Blue (55%)

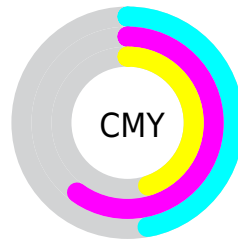


Cyan (4%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6147, 16.4647, 27.3435 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 19.6147, 16.4647, 27.3435 by changing the saturation by 10% instead.

■ 19.6147, 16.4647,
27.3435

■ 19.6147, 16.4647,
27.3435

242.6951,
232.0684, 303.1291

■ 12.2219, 9.8536,
17.5967

■ 42.2791, 37.4031,
56.4450

■ 6.9683, 5.3020,
10.4944

■ 58.2815, 52.4991,
76.6367

■ 3.4884, 2.4255,
5.6181

■ 77.8844, 71.1923,
101.1472

■ 1.4170, 0.8390,
2.5493

■ 101.4533, 93.8670,
130.3949

■ 0.2683, 0.0000,
0.8661

129.3534,
120.9075, 164.7984

■ 0.0000, 0.0000,
0.0000

161.9502,

152.6983, 204.7762

199.6090,
189.6238, 250.7470

■ 19.6147, 16.4647,
27.3435

■ 19.6147, 16.4647,
27.3435

■ 18.0776, 13.8118,
26.9127

■ 21.3924, 19.5913,
27.8535

■ 16.7676, 11.6063,
26.5560

■ 23.4203, 23.2116,
28.4455

■ 15.6722, 9.8230,
26.2696

■ 25.7095, 27.3473,
29.1231

■ 14.7768, 8.4330,
26.0484

■ 28.2697, 32.0181,
29.8897

■ 14.0652, 7.4038,
25.8873

■ 31.1103, 37.2424,
30.7484

■ 13.5187, 6.6978,
25.7798

■ 34.2401, 43.0381,
31.7021

■ 13.0962, 6.2331,
25.7124

■ 37.6677, 49.4221,
32.7537

■ 13.0298, 6.1617,
25.7021

■ 41.4011, 56.4107,
33.9058

■ 45.4482, 64.0194,
35.1611

Harmonies

Analogous

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



17.4764, 16.4647, 33.2463



19.6147, 16.4647, 27.3435



20.7121, 16.4647, 19.7679

Triad

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



19.6147, 16.4647, 27.3435



16.2794, 16.4647, 7.7201



11.7369, 16.4647, 23.4563

Complementary

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



19.6147, 16.4647, 27.3435



17.8183, 23.0540, 15.8235

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.



11.4869, 16.4647, 16.2045



19.6147, 16.4647, 27.3435



13.9540, 16.4647, 8.2292

Square

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



19.6147, 16.4647, 27.3435



18.6617, 16.4647, 9.3351



12.2578, 16.4647, 10.9669



12.9797, 16.4647, 30.6297

Rectangle

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



19.6147, 16.4647, 27.3435



20.6344, 16.4647, 15.2435



12.2578, 16.4647, 10.9669



11.5395, 16.4647, 20.9089

Sweetspot

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



19.6152, 16.4654, 27.3439



41.6241, 40.9977, 50.8474



15.3637, 15.0675, 27.2981



9.1868, 8.9597, 11.3246



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.6152, 16.4654, 27.3439



33.3271, 26.3679, 48.4609



19.4262, 16.4858, 22.0104



5.5609, 5.4773, 6.7929



11.8897, 5.6229, 23.4358



0.1257, 0.0600, 0.2246

Inverse Universe

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



18.2403, 16.0115, 15.7657



30.4913, 25.4430, 24.0657



18.0253, 23.0701, 19.9252



5.4346, 5.4344, 5.7867



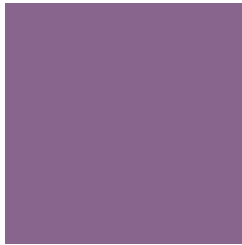
10.1162, 5.2035, 0.9972



0.1010, 0.0515, 0.0321

Previews

White Background



This preview shows how the XYZ color 19.6147, 16.4647, 27.3435 looks on a white background.

Color Contrast Check

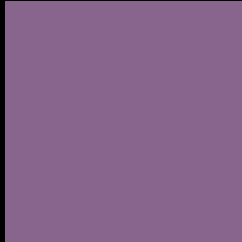
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6147, 16.4647, 27.3435 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 19.6147, 16.4647, 27.3435

Background



This preview shows how black text looks on a background with the XYZ color 19.6147, 16.4647, 27.3435.



This preview shows how white text looks on a background with the XYZ color 19.6147, 16.4647,

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

19.6147, 16.4647, 27.3435

Protanopia

16.8125, 16.6418, 30.7599

Deuteranopia

16.9002, 16.6125, 26.7419



Tritanopia

17.7070, 16.4285, 18.1573

Trichromacy



Original Color

19.6147, 16.4647, 27.3435

Protanomaly

17.6211, 16.4453, 29.4397

Deuteranomaly

17.7370, 16.4019, 27.0420

Tritanomaly

18.2613, 16.3424, 21.2607

Monochromacy



Original Color

19.6147, 16.4647, 27.3435

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.5545, 17.0605, 21.7698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6147, 16.4647, 27.3435 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(136, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(136, 101, 141)  
}
```

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(136, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 101, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.6147, 16.4647, 27.3435 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(136, 101, 141) }
```


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

```
.border{ border-color:rgb(136, 101, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 101, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(136, 101,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6147, 16.4647, 27.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 101, 141) }
```

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

```
.background{ background-color: rgb(136,  
101, 141) }
```

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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