

Converting Colors

XYZ(19.0928, 16.4788, 27.7656)

Have a look what the booklet for
XYZ(19.0928, 16.4788, 27.7656)
contains.

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Color

**XYZ(19.0928, 16.4788,
27.7656)**

Conversions

Conversions Part 1

Format	Color
Hex	83678E
RGB	131, 103, 142
RGB Percent	51%, 40%, 56%
CMY	0.4863, 0.5961, 0.4431
CMYK	0.08, 0.27, 0.00, 0.44
HSL	283°, 16%, 48%
HSV	283°, 27%, 56%
XYZ	19.0928, 16.4788, 27.7656
YIQ	115.8180, 4.1690, 18.0650

Conversions

Conversions Part 2

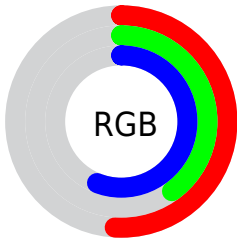
Format	Color
R_{YB}	131, 103, 142
Decimal	8611726
CIE _{Lab}	47.60, 18.71, -17.18
CIE _{LCh}	48, 25.397, 317.438
Yxy	16.4788, 0.3014, 0.2602
Android (android.graphics.Color)	4286801806 (0xFF83678E)
YUV	115.8180, 12.9077, 13.3146
Hunter-Lab	40.5941, 12.9151, -12.1374

Details

The XYZ color **19.0928, 16.4788, 27.7656** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0612, 23.9031, 16.4419**, and the grayscale version is **16.5061, 17.3657, 18.9112**.

A 20% lighter version of the original color is **41.2866, 37.2871, 57.2456**, and **6.7393, 5.3504, 10.8027** is the 20% darker color. If you saturate the color by 10%, you get **17.1903, 13.5767, 27.3060**, and if you desaturate by 10%, it is **21.2602, 19.8744, 28.3070**.

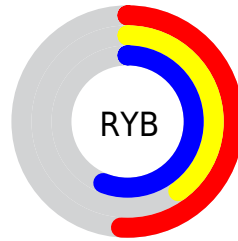
Distribution



Red (51%)

Green (40%)

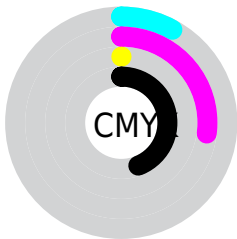
Blue (56%)



Red (51%)

Yellow (40%)

Blue (56%)

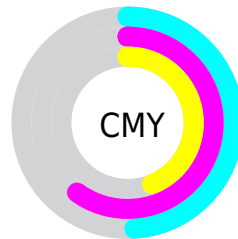


Cyan (8%)

Magenta (27%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0928, 16.4788, 27.7656 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 19.0928, 16.4788, 27.7656 by changing the saturation by 10% instead.

■ 19.0928, 16.4788,
27.7656

■ 19.0928, 16.4788,
27.7656

239.8889,
232.1507, 305.2218

■ 11.8418, 9.8636,
17.9115

■ 41.4065, 37.4275,
57.1286

■ 6.7074, 5.3086,
10.7177

■ 57.1999, 52.5297,
77.4746

■ 3.3245, 2.4294,
5.7656

■ 76.5714, 71.2297,
102.1550

■ 1.3276, 0.8410,
2.6366

■ 99.8865, 93.9119,
131.5883

■ 0.2037, 0.0000,
0.9113

127.5104,
120.9608, 166.1931

■ 0.0000, 0.0000,
0.0000

159.8085,

152.7606, 206.3879

197.1462,
189.6957, 252.5913

■ 19.0928, 16.4788,
27.7656

■ 19.0928, 16.4788,
27.7656

■ 17.1903, 13.5767,
27.3060

■ 21.2602, 19.8744,
28.3070

■ 15.5388, 11.1417,
26.9230

■ 23.7025, 23.7841,
28.9330

■ 14.1253, 9.1480,
26.6127

■ 26.4310, 28.2298,
29.6473

■ 12.9351, 7.5664,
26.3701

■ 29.4558, 33.2316,
30.4533

■ 11.9515, 6.3641,
26.1899

■ 32.7868, 38.8083,
31.3541

■ 11.1554, 5.5032,
26.0657

■ 36.4330, 44.9782,
32.3529

■ 10.5111, 4.9127,
25.9857

■ 40.4034, 51.7585,
33.4523

■ 10.3562, 4.7748,
25.9672

■ 44.7064, 59.1657,
34.6553

■ 49.3500, 67.2157,
35.9643

Harmonies

Analogous

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



17.0037, 16.4788, 32.6591



19.0928, 16.4788, 27.7656



20.3075, 16.4788, 20.7931

Triad

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



19.0928, 16.4788, 27.7656



16.6286, 16.4788, 8.3173



11.8657, 16.4788, 21.9442

Complementary

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



19.0928, 16.4788, 27.7656



19.0612, 23.9031, 16.4419

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.



11.7862, 16.4788, 15.3653



19.0928, 16.4788, 27.7656



14.3939, 16.4788, 8.4828

Square

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



19.0928, 16.4788, 27.7656



18.7955, 16.4788, 10.2372



12.6700, 16.4788, 10.7619



12.8988, 16.4788, 28.7812

Rectangle

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



19.0928, 16.4788, 27.7656



20.3880, 16.4788, 16.3765



12.6700, 16.4788, 10.7619



11.7304, 16.4788, 19.6055

Sweetspot

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



19.0933, 16.4795, 27.7660



41.4777, 41.4254, 50.9377



16.4996, 16.8832, 27.9806



9.1274, 9.0320, 11.3417



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.



19.0933, 16.4795, 27.7660



31.5275, 25.7751, 48.4413



20.2778, 17.1607, 24.6341



5.4800, 5.4356, 6.7891



9.3167, 4.2965, 23.3153



0.1107, 0.0522, 0.2239

Inverse Universe

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



19.0434, 16.6669, 18.1337



31.4970, 26.2064, 28.2484



18.1612, 23.3876, 18.7270



5.4675, 5.4475, 5.9600



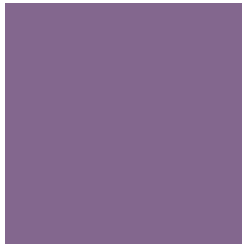
10.3676, 5.3041, 2.3212



0.1076, 0.0541, 0.0667

Previews

White Background



This preview shows how the XYZ color 19.0928, 16.4788, 27.7656 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 19.0928, 16.4788, 27.7656 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 19.0928, 16.4788, 27.7656

Background



This preview shows how black text looks on a background with the XYZ color 19.0928, 16.4788, 27.7656.



This preview shows how white text looks on a background with the XYZ color 19.0928, 16.4788,

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

19.0928, 16.4788, 27.7656

Protanopia

16.7330, 16.6100, 30.3411

Deuteranopia

16.8485, 16.5773, 27.1227



Tritanopia

17.2673, 16.4981, 18.7974

Trichromacy



Original Color

19.0928, 16.4788, 27.7656

Protanomaly

17.4670, 16.5233, 29.4628

Deuteranomaly

17.6415, 16.4998, 27.4543

Tritanomaly

17.7578, 16.3779, 21.6274

Monochromacy



Original Color

19.0928, 16.4788, 27.7656

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.2713, 16.9145, 21.7566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0928, 16.4788, 27.7656 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, 103, 142)` looks like.

```
.text, #text, p{  
    color:rgb(131, 103, 142)  
}
```

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, 103, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 103, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.0928, 16.4788, 27.7656 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, 103, 142) }
```


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

```
.border{ border-color:rgb(131, 103, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 103, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 103, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 103, 142);  
box-shadow:4px 4px 4px 4px rgb(131, 103,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0928, 16.4788, 27.7656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 103, 142) }
```

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

```
.background{ background-color: rgb(131,  
103, 142) }
```

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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