

Converting Colors

XYZ(17.7907, 16.4697, 29.1711)

Have a look what the booklet for
XYZ(17.7907, 16.4697, 29.1711)
contains.

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Color

**XYZ(17.8095, 16.5514,
29.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	756C91
RGB	117, 108, 145
RGB Percent	46%, 42%, 57%
CMY	0.5412, 0.5765, 0.4314
CMYK	0.19, 0.26, 0.00, 0.43
HSL	255°, 15%, 50%
HSV	255°, 26%, 57%
XYZ	17.8095, 16.5514, 29.0441
YIQ	114.9090, -6.5130, 13.4150

Conversions

Conversions Part 2

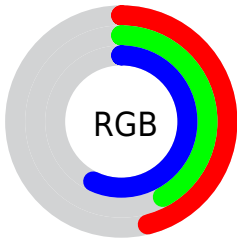
Format	Color
R_{YB}	117, 108, 145
Decimal	7695505
CIE _{Lab}	47.69, 11.59, -18.93
CIE _{LCh}	48, 22.201, 301.472
Yxy	16.5514, 0.2809, 0.2610
Android (android.graphics.Color)	4285885585 (0xFF756C91)
YUV	114.9090, 14.8349, 1.8338
Hunter-Lab	40.6834, 6.9439, -13.8491

Details

The XYZ color **17.8095, 16.5514, 29.0441** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.9861, 26.5682, 18.1048**, and the grayscale version is **16.2265, 17.0715, 18.5909**.

A 20% lighter version of the original color is **39.2845, 37.4658, 59.1939**, and **6.0730, 5.3746, 11.3070** is the 20% darker color. If you saturate the color by 10%, you get **15.0167, 13.0275, 28.5114**, and if you desaturate by 10%, it is **21.0306, 20.6745, 29.6704**.

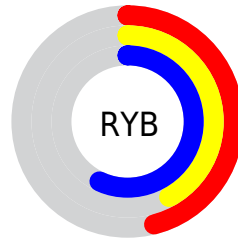
Distribution



Red (46%)

Green (42%)

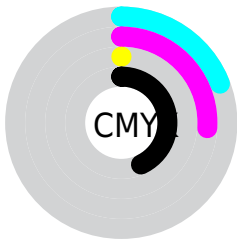
Blue (57%)



Red (46%)

Yellow (42%)

Blue (57%)

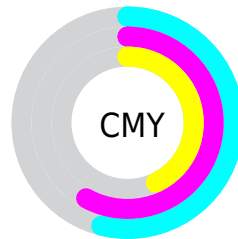


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (58%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8095, 16.5514, 29.0441 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 17.8095, 16.5514, 29.0441 by changing the saturation by 10% instead.

■ 17.8095, 16.5514,
29.0441

■ 17.8095, 16.5514,
29.0441

232.8615,
232.5738, 311.4904

■ 10.9122, 9.9152,
18.8683

■ 39.2451, 37.5528,
59.1902

■ 6.0747, 5.3427,
11.3993

■ 54.5140, 52.6869,
79.9975

■ 2.9316, 2.4497,
6.2186

■ 73.3042, 71.4223,
105.1858

■ 1.1177, 0.8513,
2.9075

■ 95.9811, 94.1434,
135.1736

■ 0.0399, 0.0000,
1.0476

122.9098,
121.2348, 170.3794

■ 0.0000, 0.0000,
0.0000

154.4559,

153.0807, 211.2218

190.9847,
190.0656, 258.1193

■ 17.8095, 16.5514,
29.0441

■ 17.8095, 16.5514,
29.0441

■ 15.0167, 13.0275,
28.5114

■ 21.0306, 20.6745,
29.6704

■ 12.6320, 10.0725,
28.0667

■ 24.6958, 25.4210,
30.3934

■ 10.6362, 7.6567,
27.7056

■ 28.8219, 30.8164,
31.2174

■ 9.0074, 5.7465,
27.4227

■ 33.4244, 36.8841,
32.1460

■ 7.7218, 4.3047,
27.2122

■ 38.5183, 43.6462,
33.1827

6.7525, 3.2888,
27.0672

44.1175, 51.1239,
34.3309

6.0638, 2.6404,
26.9783

50.2357, 59.3375,
35.5939

5.8131, 2.4064,
26.9464

56.8860, 68.3065,
36.9746

64.0808, 78.0497,
38.4760

Harmonies

Analogous

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



15.8299, 16.5514, 31.3057



17.8095, 16.5514, 29.0441



19.3287, 16.5514, 23.7622

Triad

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



17.8095, 16.5514, 29.0441



17.6257, 16.5514, 10.0231



12.2164, 16.5514, 18.3039

Complementary

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



17.8095, 16.5514, 29.0441



22.9861, 26.5682, 18.1048

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.



12.6110, 16.5514, 13.2892



17.8095, 16.5514, 29.0441



15.6338, 16.5514, 9.1544

Square

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



17.8095, 16.5514, 29.0441



19.2165, 16.5514, 12.8962



13.8220, 16.5514, 10.2142



12.6958, 16.5514, 24.3518

Rectangle

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



17.8095, 16.5514, 29.0441



19.8159, 16.5514, 19.6916



13.8220, 16.5514, 10.2142



12.2510, 16.5514, 16.4489

Sweetspot

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



17.8100, 16.5521, 29.0445



42.4067, 43.1599, 54.0692



20.1516, 22.9448, 30.1550



9.2280, 9.3344, 11.9876



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.



17.8100, 16.5521, 29.0445



28.7394, 25.6486, 51.4095



20.4871, 17.9321, 29.1698



5.2448, 5.3144, 6.7781



5.0068, 2.0747, 23.1136



0.0652, 0.0288, 0.2218

Inverse Universe

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



21.4841, 18.5232, 25.7363



36.6077, 29.8743, 44.1233



20.2858, 25.1761, 17.9785



5.5710, 5.4889, 6.5046



12.4280, 6.1282, 13.1710



0.1275, 0.0621, 0.1715

Previews

White Background



This preview shows how the XYZ color 17.8095, 16.5514, 29.0441 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 17.8095, 16.5514, 29.0441 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 17.8095, 16.5514, 29.0441

Background



This preview shows how black text looks on a background with the XYZ color 17.8095, 16.5514, 29.0441.



This preview shows how white text looks on a background with the XYZ color 17.8095, 16.5514,

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

17.8095, 16.5514, 29.0441

Protanopia

16.8484, 16.6695, 30.3465

Deuteranopia

16.9028, 16.5706, 28.6931



Tritanopia

16.0554, 16.4795, 20.4238

Trichromacy



Original Color

17.8095, 16.5514, 29.0441

Protanomaly

17.2576, 16.7267, 29.9228

Deuteranomaly

17.1655, 16.5450, 28.6743

Tritanomaly

16.6531, 16.5580, 23.4374

Monochromacy



Original Color

17.8095, 16.5514, 29.0441

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7625, 16.8077, 22.0994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8095, 16.5514, 29.0441 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(117, 108, 145)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 145)  
}
```

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(117, 108, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 145) }
```

Border

The CSS property to change the border of an element to XYZ 17.8095, 16.5514, 29.0441 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(117, 108, 145) }
```


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

```
.border{ border-color:rgb(117, 108, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 108, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 145);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8095, 16.5514, 29.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 108, 145) }
```

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

```
.background{ background-color: rgb(117,  
108, 145) }
```

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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