

Converting Colors

XYZ(17.7608, 16.4541, 28.6377)

Have a look what the booklet for
XYZ(17.7608, 16.4541, 28.6377)
contains.

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Color

**XYZ(17.7629, 16.3806,
28.6111)**

Conversions

Conversions Part 1

Format	Color
Hex	766B90
RGB	118, 107, 144
RGB Percent	46%, 42%, 56%
CMY	0.5373, 0.5804, 0.4353
CMYK	0.18, 0.26, 0.00, 0.44
HSL	258°, 15%, 49%
HSV	258°, 26%, 56%
XYZ	17.7629, 16.3806, 28.6111
YIQ	114.5070, -5.3210, 13.8390

Conversions

Conversions Part 2

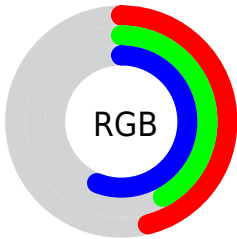
Format	Color
R _Y B	118, 107, 144
Decimal	7760784
CIE Lab	47.47, 12.29, -18.67
CIE LCh	47, 22.352, 303.351
Yxy	16.3806, 0.2831, 0.2610
Android (android.graphics.Color)	4285950864 (0xFF766B90)
YUV	114.5070, 14.5400, 3.0634
Hunter-Lab	40.4730, 7.5130, -13.5822

Details

The XYZ color **17.7629, 16.3806, 28.6111** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.3007, 25.9951, 17.7529**, and the grayscale version is **16.1058, 16.9446, 18.4526**.

A 20% lighter version of the original color is **39.2145, 37.1889, 58.5374**, and **6.0459, 5.2872, 11.0578** is the 20% darker color. If you saturate the color by 10%, you get **15.0836, 12.9535, 28.0911**, and if you desaturate by 10%, it is **20.8408, 20.3851, 29.2221**.

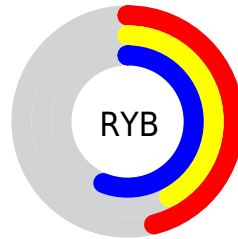
Distribution



Red (46%)

Green (42%)

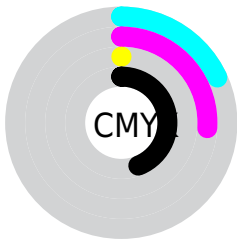
Blue (56%)



Red (46%)

Yellow (42%)

Blue (56%)

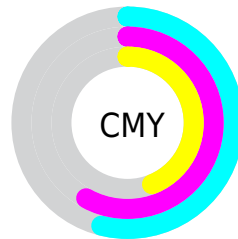


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7629, 16.3806, 28.6111 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 17.7629, 16.3806, 28.6111 by changing the saturation by 10% instead.

■ 17.7629, 16.3806,
28.6111

■ 17.7629, 16.3806,
28.6111

232.6027,
231.5772, 309.3789

■ 10.8786, 9.7939,
18.5438

■ 39.1662, 37.2577,
58.4934

■ 6.0519, 5.2625,
11.1676

■ 54.4158, 52.3169,
79.1455

■ 2.9176, 2.4021,
6.0641

■ 73.1845, 70.9689,
104.1629

■ 1.1104, 0.8270,
2.8147

■ 95.8378, 93.5984,
133.9642

■ 0.0338, 0.0000,
1.0008

122.7409,
120.5895, 168.9679

■ 0.0000, 0.0000,
0.0000

154.2591,

152.3268, 209.5925

190.7580,
189.1945, 256.2567

■ 17.7629, 16.3806,
28.6111

■ 17.7629, 16.3806,
28.6111

■ 15.0836, 12.9535,
28.0911

■ 20.8408, 20.3851,
29.2221

■ 12.7843, 10.0747,
27.6566

■ 24.3315, 24.9903,
29.9270

■ 10.8471, 7.7155,
27.3033

■ 28.2508, 30.2207,
30.7300

■ 9.2522, 5.8437,
27.0261

■ 32.6127, 36.0988,
31.6347

■ 7.9777, 4.4235,
26.8191

■ 37.4310, 42.6459,
32.6444

6.9986, 3.4137,
26.6758

42.7187, 49.8823,
33.7625

6.2813, 2.7565,
26.5868

48.4881, 57.8277,
34.9921

6.0222, 2.5230,
26.5554

54.7513, 66.5006,
36.3360

61.5198, 75.9192,
37.7972

Harmonies

Analogous

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



15.7934, 16.3806, 31.1220



17.7629, 16.3806, 28.6111



19.2351, 16.3806, 23.2004

Triad

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



17.7629, 16.3806, 28.6111



17.3444, 16.3806, 9.7423



12.0620, 16.3806, 18.4822

Complementary

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



17.7629, 16.3806, 28.6111



22.3007, 25.9951, 17.7529

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.



12.4015, 16.3806, 13.3691



17.7629, 16.3806, 28.6111



15.3473, 16.3806, 8.9988

Square

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



17.7629, 16.3806, 28.6111



18.9794, 16.3806, 12.4767



13.5641, 16.3806, 10.1755



12.5942, 16.3806, 24.5441

Rectangle

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



17.7629, 16.3806, 28.6111



19.6756, 16.3806, 19.1312



13.5641, 16.3806, 10.1755



12.0781, 16.3806, 16.6000

Sweetspot

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



17.7634, 16.3813, 28.6115



41.3239, 41.9683, 52.4607



19.5565, 22.0569, 29.6125



9.2759, 9.3591, 11.9898



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.



17.7634, 16.3813, 28.6115



28.4386, 25.1800, 49.8994



20.4429, 17.7626, 28.7369



5.2709, 5.3278, 6.7793



5.2656, 2.2081, 23.1258



0.0704, 0.0314, 0.2220

Inverse Universe

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



20.9936, 18.1389, 24.5860



35.2244, 28.8766, 41.2515



19.7001, 24.6544, 17.6312



5.5589, 5.4841, 6.4411



12.0803, 5.9891, 11.3400



0.1252, 0.0611, 0.1596

Previews

White Background



This preview shows how the XYZ color 17.7629, 16.3806, 28.6111 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 17.7629, 16.3806, 28.6111 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 17.7629, 16.3806, 28.6111

Background



This preview shows how black text looks on a background with the XYZ color 17.7629, 16.3806, 28.6111.



This preview shows how white text looks on a background with the XYZ color 17.7629, 16.3806,

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

17.7629, 16.3806, 28.6111

Protanopia

16.5444, 16.3590, 29.8894

Deuteranopia

16.8267, 16.5402, 28.2923



Tritanopia

16.0140, 16.3024, 20.0719

Trichromacy



Original Color

17.7629, 16.3806, 28.6111

Protanomaly

16.9486, 16.4153, 29.4693

Deuteranomaly

17.2159, 16.5798, 28.2794

Tritanomaly

16.6086, 16.3817, 23.0555

Monochromacy



Original Color

17.7629, 16.3806, 28.6111

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 17.7629, 16.3806, 28.6111 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(118, 107, 144)` looks like.

```
.text, #text, p{  
    color:rgb(118, 107, 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(118, 107, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 107, 144) }
```

Border

The CSS property to change the border of an element to XYZ 17.7629, 16.3806, 28.6111 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(118, 107, 144) }
```


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

```
.border{ border-color:rgb(118, 107, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 107, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 107, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 107, 144);  
box-shadow:4px 4px 4px 4px rgb(118, 107,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7629, 16.3806, 28.6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 107, 144) }
```

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

```
.background{ background-color: rgb(118,  
107, 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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