

Converting Colors

XYZ(17.0548, 16.5042, 29.9016)

Have a look what the booklet for
XYZ(17.0548, 16.5042, 29.9016)
contains.

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Color

**XYZ(17.0267, 16.4466,
29.8809)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6E93
RGB	108, 110, 147
RGB Percent	42%, 43%, 58%
CMY	0.5765, 0.5686, 0.4235
CMYK	0.27, 0.25, 0.00, 0.42
HSL	237°, 15%, 50%
HSV	237°, 27%, 58%
XYZ	17.0267, 16.4466, 29.8809
YIQ	113.6200, -13.0690, 11.0830

Conversions

Conversions Part 2

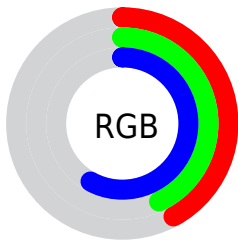
Format	Color
R_{YB}	108, 110, 147
Decimal	7106195
CIE _{Lab}	47.56, 7.92, -20.39
CIE _{LCh}	48, 21.874, 291.217
Yxy	16.4466, 0.2688, 0.2596
Android (android.graphics.Color)	4285296275 (0xFF6C6E93)
YUV	113.6200, 16.4563, -4.9287
Hunter-Lab	40.5544, 3.9727, -15.2974

Details

The XYZ color **17.0267, 16.4466, 29.8809** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.8649, 27.5365, 18.1923**, and the grayscale version is **15.8362, 16.6609, 18.1437**.

A 20% lighter version of the original color is **37.7847, 37.1804, 60.4434**, and **5.6925, 5.3293, 11.7950** is the 20% darker color. If you saturate the color by 10%, you get **13.9993, 12.8256, 29.3418**, and if you desaturate by 10%, it is **20.5934, 20.6979, 30.5138**.

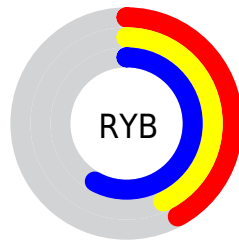
Distribution



Red (42%)

Green (43%)

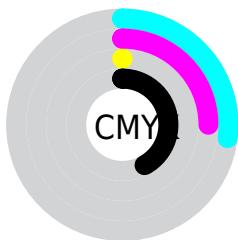
Blue (58%)



Red (42%)

Yellow (43%)

Blue (58%)

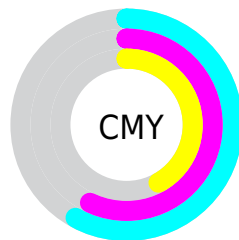


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (57%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0267, 16.4466, 29.8809 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 17.0267, 16.4466, 29.8809 by changing the saturation by 10% instead.

■ 17.0267, 16.4466,
29.8809

■ 17.0267, 16.4466,
29.8809

228.4794,
231.9628, 315.5389

■ 10.3490, 9.8407,
19.4969

■ 37.9149, 37.3718,
60.5326

■ 5.6950, 5.2935,
11.8495

■ 52.8561, 52.4599,
81.6373

■ 2.6994, 2.4205,
6.5200

■ 71.2824, 71.1443,
107.1527

■ 0.9969, 0.8364,
3.0899

■ 93.5593, 93.8092,
137.4974

■ 0.0000, 0.0000,
1.1407

120.0521,
120.8391, 173.0898

■ 0.0000, 0.0000,
0.0000

151.1262,

152.6184, 214.3485

187.1468,
189.5315, 261.6920

■ 17.0267, 16.4466,
29.8809

■ 17.0267, 16.4466,
29.8809

■ 13.9993, 12.8256,
29.3418

■ 20.5934, 20.6979,
30.5138

■ 11.4836, 9.8032,
28.8910

■ 24.7223, 25.6056,
31.2434

■ 9.4516, 7.3475,
28.5241

■ 29.4367, 31.1964,
32.0741

■ 7.8723, 5.4234,
28.2360

■ 34.7583, 37.4951,
33.0094

■ 6.7109, 3.9914,
28.0208

■ 40.7076, 44.5253,
34.0528

■ 5.9277, 3.0066,
27.8720

■ 47.3040, 52.3095,
35.2076

■ 5.4665, 2.4118,
27.7815

■ 54.5665, 60.8691,
36.4770

■ 5.3484, 2.2704,
27.7604

■ 62.5128, 70.2249,
37.8641

■ 71.1602, 80.3965,
39.3716

Harmonies

Analogous

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



15.0671, 16.4466, 30.7346



17.0267, 16.4466, 29.8809



18.7365, 16.4466, 25.5000

Triad

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



17.0267, 16.4466, 29.8809



18.0968, 16.4466, 10.7811



12.2156, 16.4466, 16.3193

Complementary

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



17.0267, 16.4466, 29.8809



24.8649, 27.5365, 18.1923

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.



12.8909, 16.4466, 11.9950



17.0267, 16.4466, 29.8809



16.2108, 16.4466, 9.2624

Square

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



17.0267, 16.4466, 29.8809



19.3891, 16.4466, 14.3001



14.3156, 16.4466, 9.6551



12.3946, 16.4466, 22.0758

Rectangle

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



17.0267, 16.4466, 29.8809



19.4520, 16.4466, 21.5874



14.3156, 16.4466, 9.6551



12.3480, 16.4466, 14.6716

Sweetspot

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



17.0272, 16.4473, 29.8813



42.9946, 44.3366, 55.7263



21.6831, 26.0818, 30.4379



9.5689, 9.8290, 12.6777



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.0272, 16.4473, 29.8813



27.0587, 25.3496, 52.9014



19.0722, 17.1846, 29.9158



5.5220, 5.6779, 7.2746



4.6424, 1.9797, 24.0685



0.0616, 0.0337, 0.2962

Inverse Universe

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



20.2101, 18.0544, 17.1722



33.7849, 28.7861, 26.0349



22.3621, 26.7042, 18.1636



5.8121, 5.8199, 6.1169



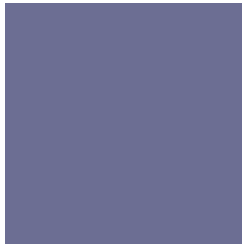
10.4704, 5.3932, 0.6920



0.1305, 0.0670, 0.0211

Previews

White Background



This preview shows how the XYZ color 17.0267, 16.4466, 29.8809 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 17.0267, 16.4466, 29.8809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

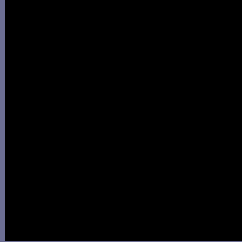
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0267, 16.4466, 29.8809

Background



This preview shows how black text looks on a background with the XYZ color 17.0267, 16.4466, 29.8809.



This preview shows how white text looks on a background with the XYZ color 17.0267, 16.4466,

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

17.0267, 16.4466, 29.8809

Protanopia

16.6233, 16.3906, 30.3045

Deuteranopia

16.7766, 16.4787, 29.9003



Tritanopia

15.1860, 16.3483, 21.0940

Trichromacy



Original Color

17.0267, 16.4466, 29.8809

Protanomaly

16.8554, 16.5103, 30.3154

Deuteranomaly

16.8948, 16.5396, 29.9058

Tritanomaly

15.8957, 16.4795, 24.1729

Monochromacy



Original Color

17.0267, 16.4466, 29.8809

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3531, 16.7614, 22.1120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0267, 16.4466, 29.8809 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(108, 110, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 110, 147)  
}
```

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(108, 110, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 110, 147) }
```

Border

The CSS property to change the border of an element to XYZ 17.0267, 16.4466, 29.8809 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(108, 110, 147) }
```


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

```
.border{ border-color:rgb(108, 110, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 110, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 110, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 110, 147);  
box-shadow:4px 4px 4px 4px rgb(108, 110,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0267, 16.4466, 29.8809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 110, 147) }
```

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

```
.background{ background-color: rgb(108,  
110, 147) }
```

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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