

Converting Colors

XYZ(18.0018, 17.2335, 28.5383)

Have a look what the booklet for
XYZ(18.0018, 17.2335, 28.5383)
contains.

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Color

**XYZ(17.9546, 17.2845,
28.3765)**

Conversions

Conversions Part 1

Format	Color
Hex	74708F
RGB	116, 112, 143
RGB Percent	45%, 44%, 56%
CMY	0.5451, 0.5608, 0.4392
CMYK	0.19, 0.22, 0.00, 0.44
HSL	248°, 12%, 50%
HSV	248°, 22%, 56%
XYZ	17.9546, 17.2845, 28.3765
YIQ	116.7300, -7.5670, 10.4890

Conversions

Conversions Part 2

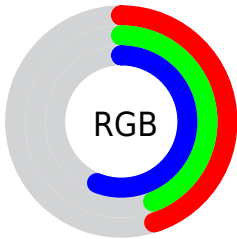
Format	Color
R _Y B	116, 112, 143
Decimal	7630991
CIE Lab	48.62, 8.37, -16.34
CIE LCh	49, 18.362, 297.121
Yxy	17.2845, 0.2822, 0.2717
Android (android.graphics.Color)	4285821071 (0xFF74708F)
YUV	116.7300, 12.9511, -0.6402
Hunter-Lab	41.5746, 4.3322, -11.3658

Details

The XYZ color **17.9546, 17.2845, 28.3765** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.3949, 26.3041, 19.1741**, and the grayscale version is **16.7884, 17.6627, 19.2347**.

A 20% lighter version of the original color is **39.5020, 38.9070, 58.2511**, and **6.1239, 5.6504, 11.1238** is the 20% darker color. If you saturate the color by 10%, you get **14.9543, 13.5790, 27.8197**, and if you desaturate by 10%, it is **21.4286, 21.6071, 29.0280**.

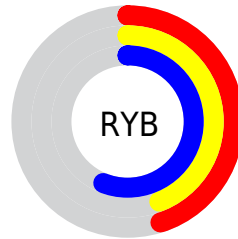
Distribution



Red (45%)

Green (44%)

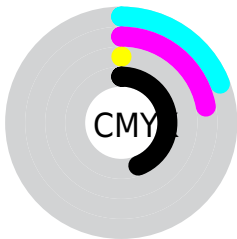
Blue (56%)



Red (45%)

Yellow (44%)

Blue (56%)

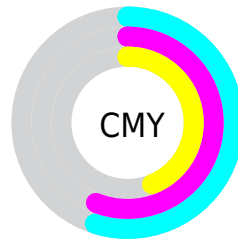


Cyan (19%)

Magenta (22%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9546, 17.2845, 28.3765 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 17.9546, 17.2845, 28.3765 by changing the saturation by 10% instead.

■ 17.9546, 17.2845,
28.3765

■ 17.9546, 17.2845,
28.3765

233.6656,
236.8066, 308.2300

■ 11.0169, 10.4375,
18.3682

■ 39.4906, 38.8143,
58.1153

■ 6.1456, 5.6900,
11.0425

■ 54.8197, 54.2659,
78.6828

■ 2.9753, 2.6575,
5.9809

■ 73.6765, 73.3545,
103.6072

■ 1.1407, 0.9557,
2.7648

■ 96.4266, 96.4645,
133.3069

■ 0.0588, 0.0000,
0.9759

123.4351,
123.9804, 168.2005

■ 0.0000, 0.0000,
0.0000

155.0676,

156.2864, 208.7065

191.6893,
193.7670, 255.2435

■ 17.9546, 17.2845,
28.3765

■ 17.9546, 17.2845,
28.3765

■ 14.9543, 13.5790,
27.8197

■ 21.4286, 21.6071,
29.0280

■ 12.4056, 10.4603,
27.3520

■ 25.3939, 26.5709,
29.7772

■ 10.2868, 7.8988,
26.9693

■ 29.8693, 32.2015,
30.6281

■ 8.5739, 5.8614,
26.6663

■ 34.8722, 38.5223,
31.5844

■ 7.2405, 4.3116,
26.4375

■ 40.4190, 45.5557,
32.6497

■ 6.2572, 3.2080,
26.2763

■ 46.5254, 53.3229,
33.8270

■ 5.5898, 2.5023,
26.1752

■ 53.2066, 61.8443,
35.1197

■ 5.2159, 2.1162,
26.1204

■ 60.4771, 71.1397,
36.5307

■ 68.3509, 81.2278,
38.0629

Harmonies

Analogous

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



16.2658, 17.2845, 29.7274



17.9546, 17.2845, 28.3765



19.3110, 17.2845, 24.3369

Triad

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



17.9546, 17.2845, 28.3765



18.2561, 17.2845, 12.0367



13.3923, 17.2845, 18.3564

Complementary

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



17.9546, 17.2845, 28.3765



23.3949, 26.3041, 19.1741

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.



13.8479, 17.2845, 14.2068



17.9546, 17.2845, 28.3765



16.5921, 17.2845, 10.9720

Square

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



17.9546, 17.2845, 28.3765



19.4933, 17.2845, 14.8885



14.9912, 17.2845, 11.6932



13.7028, 17.2845, 23.3888

Rectangle

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



17.9546, 17.2845, 28.3765



19.8038, 17.2845, 20.9711



14.9912, 17.2845, 11.6932



13.4601, 17.2845, 16.8211

Sweetspot

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



17.9551, 17.2852, 28.3769



41.4799, 42.5755, 52.5697



20.9287, 24.0048, 29.5172



9.4316, 9.6626, 12.0402



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.



17.9551, 17.2852, 28.3769



29.4326, 27.5861, 50.3114



20.1308, 18.4068, 28.4787



5.1903, 5.2863, 6.7756



4.6228, 1.8768, 23.0957



0.0543, 0.0231, 0.2213

Inverse Universe

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



21.7825, 19.2927, 27.0022



37.5675, 31.8549, 47.2979



21.0429, 25.0915, 19.0640



5.5967, 5.4992, 6.6404



13.2687, 6.4645, 17.5982



0.1323, 0.0640, 0.1967

Previews

White Background



This preview shows how the XYZ color 17.9546, 17.2845, 28.3765 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 17.9546, 17.2845, 28.3765 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 17.9546, 17.2845, 28.3765

Background



This preview shows how black text looks on a background with the XYZ color 17.9546, 17.2845, 28.3765.



This preview shows how white text looks on a background with the XYZ color 17.9546, 17.2845,

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

17.9546, 17.2845, 28.3765

Protanopia

17.3125, 17.2671, 29.2085

Deuteranopia

17.6731, 17.3041, 28.3952



Tritanopia

16.5789, 17.2274, 21.5202

Trichromacy



Original Color

17.9546, 17.2845, 28.3765

Protanomaly

17.4947, 17.2034, 28.7841

Deuteranomaly

17.8025, 17.3708, 28.4012

Tritanomaly

17.0535, 17.2507, 23.9036

Monochromacy



Original Color

17.9546, 17.2845, 28.3765

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.2327, 17.5497, 22.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9546, 17.2845, 28.3765 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(116, 112, 143)` looks like.

```
.text, #text, p{  
    color:rgb(116, 112, 143)  
}
```

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(116, 112, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 112, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.9546, 17.2845, 28.3765 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(116, 112, 143) }
```


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

```
.border{ border-color:rgb(116, 112, 143) }
```

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

Here you see how a box with a 4 pixel rgb(116, 112, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 112, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 112, 143);  
box-shadow:4px 4px 4px 4px rgb(116, 112,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9546, 17.2845, 28.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 112, 143) }
```

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

```
.background{ background-color: rgb(116,  
112, 143) }
```

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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