

Converting Colors

XYZ(17.0567, 16.1883, 27.8975)

Have a look what the booklet for
XYZ(17.0567, 16.1883, 27.8975)
contains.

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Color

**XYZ(17.0551, 16.1888,
27.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	716C8E
RGB	113, 108, 142
RGB Percent	44%, 42%, 56%
CMY	0.5569, 0.5765, 0.4431
CMYK	0.20, 0.24, 0.00, 0.44
HSL	249°, 14%, 49%
HSV	249°, 24%, 56%
XYZ	17.0551, 16.1888, 27.8170
YIQ	113.3710, -7.9340, 11.6340

Conversions

Conversions Part 2

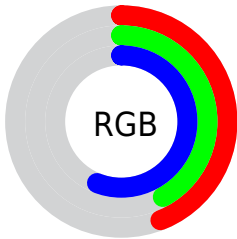
Format	Color
R _Y B	113, 108, 142
Decimal	7433358
CIE Lab	47.22, 9.51, -17.90
CIE LCh	47, 20.273, 297.981
Yxy	16.1888, 0.2793, 0.2651
Android (android.graphics.Color)	4285623438 (0xFF716C8E)
YUV	113.3710, 14.1141, -0.3254
Hunter-Lab	40.2353, 5.2515, -12.8259

Details

The XYZ color **17.0551, 16.1888, 27.8170** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.6967, 25.7474, 17.9615**, and the grayscale version is **15.7677, 16.5888, 18.0652**.

A 20% lighter version of the original color is **37.8790, 36.7811, 57.3276**, and **5.7149, 5.2002, 10.8277** is the 20% darker color. If you saturate the color by 10%, you get **14.2222, 12.6836, 27.2900**, and if you desaturate by 10%, it is **20.3410, 20.2904, 28.4358**.

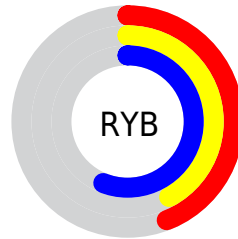
Distribution



Red (44%)

Green (42%)

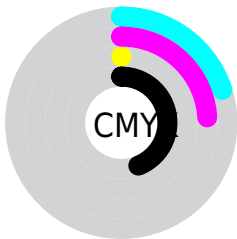
Blue (56%)



Red (44%)

Yellow (42%)

Blue (56%)

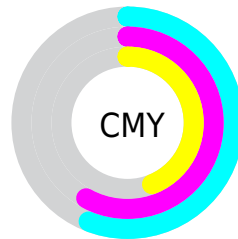


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0551, 16.1888, 27.8170 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 17.0551, 16.1888, 27.8170 by changing the saturation by 10% instead.

■ 17.0551, 16.1888,
27.8170

■ 17.0551, 16.1888,
27.8170

228.6398,
230.4532, 305.4758

■ 10.3693, 9.6579,
17.9499

■ 37.9633, 36.9257,
57.2117

■ 5.7087, 5.1727,
10.7450

■ 52.9165, 51.9004,
77.5764

■ 2.7077, 2.3489,
5.7836

■ 71.3562, 70.4584,
102.2775

■ 1.0011, 0.7994,
2.6473

■ 93.6477, 92.9843,
131.7333

■ 0.0000, 0.0000,
0.9167

120.1565,
119.8623, 166.3625

■ 0.0000, 0.0000,
0.0000

151.2479,

151.4768, 206.5836

187.2872,
188.2124, 252.8152

■ 17.0551, 16.1888,
27.8170

■ 17.0551, 16.1888,
27.8170

■ 14.2222, 12.6836,
27.2900

■ 20.3410, 20.2904,
28.4358

■ 11.8207, 9.7451,
26.8494

■ 24.0970, 25.0124,
29.1492

■ 9.8297, 7.3439,
26.4908

■ 28.3414, 30.3799,
29.9616

■ 8.2258, 5.4470,
26.2093

■ 33.0908, 36.4160,
30.8763

■ 6.9832, 4.0181,
25.9989

■ 38.3612, 43.1427,
31.8969

■ 6.0730, 3.0157,
25.8534

■ 44.1678, 50.5809,
33.0266

■ 5.4608, 2.3897,
25.7649

■ 50.5252, 58.7507,
34.2685

■ 5.1893, 2.1111,
25.7254

■ 57.4475, 67.6714,
35.6255

■ 64.9483, 77.3615,
37.1005

Harmonies

Analogous

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



15.2663, 16.1888, 29.3961



17.0551, 16.1888, 27.8170



18.4862, 16.1888, 23.3726

Triad

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



17.0551, 16.1888, 27.8170



17.2805, 16.1888, 10.5338



12.2038, 16.1888, 17.2826

Complementary

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



17.0551, 16.1888, 27.8170



22.6967, 25.7474, 17.9615

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.



12.6550, 16.1888, 12.9096



17.0551, 16.1888, 27.8170



15.5083, 16.1888, 9.5115

Square

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



17.0551, 16.1888, 27.8170



18.6233, 16.1888, 13.4033



13.8313, 16.1888, 10.2898



12.5491, 16.1888, 22.6557

Rectangle

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



17.0551, 16.1888, 27.8170



18.9962, 16.1888, 19.7552



13.8313, 16.1888, 10.2898



12.2666, 16.1888, 15.6571

Sweetspot

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



17.0556, 16.1895, 27.8174



40.2788, 41.3177, 50.9801



20.0794, 23.1658, 29.0046



8.9240, 9.1374, 11.3728



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.



17.0556, 16.1895, 27.8174



27.1519, 24.9232, 48.5075



19.3800, 17.3877, 27.9261



5.1989, 5.2907, 6.7760



4.6697, 1.9009, 23.0979



0.0560, 0.0240, 0.2214

Inverse Universe

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



21.0337, 18.2826, 26.0876



35.5153, 29.3267, 44.7441



20.1908, 24.4556, 17.8442



5.5926, 5.4976, 6.6188



13.1263, 6.4075, 16.8480



0.1315, 0.0637, 0.1927

Previews

White Background



This preview shows how the XYZ color 17.0551, 16.1888, 27.8170 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 17.0551, 16.1888, 27.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

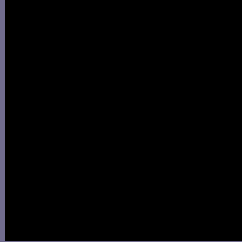
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0551, 16.1888, 27.8170

Background



This preview shows how black text looks on a background with the XYZ color 17.0551, 16.1888, 27.8170.



This preview shows how white text looks on a background with the XYZ color 17.0551, 16.1888,

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

17.0551, 16.1888, 27.8170

Protanopia

16.3120, 16.2661, 28.6655

Deuteranopia

16.5218, 16.2307, 27.8532



Tritanopia

15.5520, 16.2200, 20.4003

Trichromacy



Original Color

17.0551, 16.1888, 27.8170

Protanomaly

16.5973, 16.2608, 28.2505

Deuteranomaly

16.6578, 16.1415, 27.8288

Tritanomaly

16.0773, 16.2689, 23.0617

Monochromacy



Original Color

17.0551, 16.1888, 27.8170

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.1326, 16.3348, 21.3714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0551, 16.1888, 27.8170 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(113, 108, 142)` looks like.

```
.text, #text, p{  
    color:rgb(113, 108, 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(113, 108, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 108, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.0551, 16.1888, 27.8170 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(113, 108, 142) }
```


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

```
.border{ border-color:rgb(113, 108, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 108, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 108, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 108, 142); box-shadow:4px 4px 4px 4px rgb(113, 108, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0551, 16.1888, 27.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 108, 142) }
```

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

```
.background{ background-color: rgb(113,  
108, 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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