

Converting Colors

XYZ(18.1662, 17.1422, 27.9611)

Have a look what the booklet for
XYZ(18.1662, 17.1422, 27.9611)
contains.

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Color

**XYZ(18.0662, 17.0268,
27.9255)**

Conversions

Conversions Part 1

Format	Color
Hex	776E8E
RGB	119, 110, 142
RGB Percent	47%, 43%, 56%
CMY	0.5333, 0.5686, 0.4431
CMYK	0.16, 0.23, 0.00, 0.44
HSL	257°, 13%, 49%
HSV	257°, 23%, 56%
XYZ	18.0662, 17.0268, 27.9255
YIQ	116.3390, -4.9080, 11.8600

Conversions

Conversions Part 2

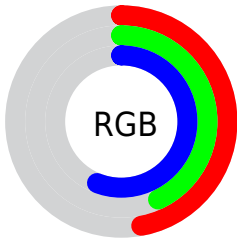
Format	Color
R_{YB}	119, 110, 142
Decimal	7827086
CIE Lab	48.29, 10.36, -16.22
CIE LCh	48, 19.243, 302.557
Yxy	17.0268, 0.2867, 0.2702
Android (android.graphics.Color)	4286017166 (0xFF776E8E)
YUV	116.3390, 12.6509, 2.3337
Hunter-Lab	41.2635, 5.9405, -11.2406

Details

The XYZ color **18.0662, 17.0268, 27.9255** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.1608, 25.4587, 18.4986**, and the grayscale version is **16.6684, 17.5364, 19.0972**.

A 20% lighter version of the original color is **39.6787, 38.4841, 57.5614**, and **6.1802, 5.5200, 10.8650** is the 20% darker color. If you saturate the color by 10%, you get **15.3289, 13.5210, 27.3934**, and if you desaturate by 10%, it is **21.2005, 21.1026, 28.5473**.

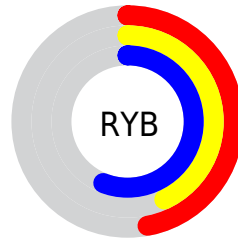
Distribution



Red (47%)

Green (43%)

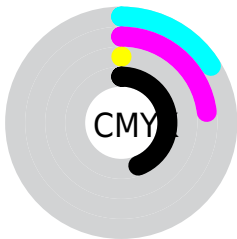
Blue (56%)



Red (47%)

Yellow (43%)

Blue (56%)

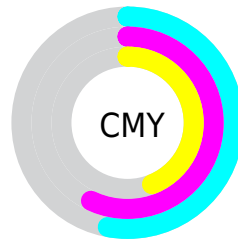


Cyan (16%)

Magenta (23%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0662, 17.0268, 27.9255 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 18.0662, 17.0268, 27.9255 by changing the saturation by 10% instead.

■ 18.0662, 17.0268,
27.9255

■ 18.0662, 17.0268,
27.9255

234.2823,
235.3268, 306.0115

■ 11.0975, 10.2536,
18.0310

■ 39.6793, 38.3718,
57.3871

■ 6.2002, 5.5674,
10.8025

■ 55.0544, 53.7125,
77.7913

■ 3.0090, 2.5839,
5.8217

■ 73.9624, 72.6777,
102.5358

■ 1.1585, 0.9186,
2.6699

■ 96.7685, 95.6520,
132.0391

■ 0.0733, 0.0000,
0.9282

123.8382,
123.0196, 166.7198

■ 0.0000, 0.0000,
0.0000

155.5369,

155.1650, 206.9964

192.2298,
192.4726, 253.2874

■ 18.0662, 17.0268,
27.9255

■ 18.0662, 17.0268,
27.9255

■ 15.3289, 13.5210,
27.3934

■ 21.2005, 21.1026,
28.5473

■ 12.9707, 10.5574,
26.9456

■ 24.7457, 25.7705,
29.2614

■ 10.9745, 8.1088,
26.5782

■ 28.7169, 31.0538,
30.0719

■ 9.3212, 6.1449,
26.2863

■ 33.1279, 36.9741,
30.9822

■ 7.9899, 4.6320,
26.0644

■ 37.9919, 43.5518,
31.9954

■ 6.9571, 3.5323,
25.9066

■ 43.3216, 50.8065,
33.1148

■ 6.1958, 2.8010,
25.8056

■ 49.1291, 58.7568,
34.3433

■ 5.7551, 2.4029,
25.7519

■ 55.4260, 67.4208,
35.6837

■ 62.2237, 76.8158,
37.1389

Harmonies

Analogous

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



16.3343, 17.0268, 29.9536



18.0662, 17.0268, 27.9255



19.3634, 17.0268, 23.3543

Triad

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



18.0662, 17.0268, 27.9255



17.7874, 17.0268, 11.2233



13.0439, 17.0268, 18.9733

Complementary

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



18.0662, 17.0268, 27.9255



22.1608, 25.4587, 18.4986

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.



13.3723, 17.0268, 14.4362



18.0662, 17.0268, 27.9255



16.0336, 17.0268, 10.4702

Square

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



18.0662, 17.0268, 27.9255



19.1944, 17.0268, 13.8140



14.4363, 17.0268, 11.5343



13.5051, 17.0268, 24.2352

Rectangle

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



18.0662, 17.0268, 27.9255



19.7616, 17.0268, 19.8184



14.4363, 17.0268, 11.5343



13.0656, 17.0268, 17.3165

Sweetspot

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



18.0667, 17.0275, 27.9259



40.6616, 41.5150, 50.9980



19.7650, 22.1716, 28.8293



9.0148, 9.1842, 11.3770



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.



18.0667, 17.0275, 27.9259



29.3461, 26.7949, 48.7531



20.3757, 18.2178, 28.0339



5.2632, 5.3239, 6.7790



5.1834, 2.1657, 23.1219



0.0688, 0.0306, 0.2220

Inverse Universe

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



20.9654, 18.5968, 24.6754



35.4239, 30.0883, 41.8016



19.8870, 24.2865, 18.3922



5.5625, 5.4855, 6.4599



12.1801, 6.0290, 11.8654



0.1259, 0.0614, 0.1631

Previews

White Background



This preview shows how the XYZ color 18.0662, 17.0268, 27.9255 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 18.0662, 17.0268, 27.9255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

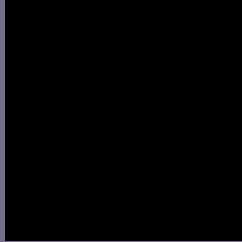
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0662, 17.0268, 27.9255

Background



This preview shows how black text looks on a background with the XYZ color 18.0662, 17.0268, 27.9255.



This preview shows how white text looks on a background with the XYZ color 18.0662, 17.0268,

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

18.0662, 17.0268, 27.9255

Protanopia

17.0026, 16.9497, 28.7610

Deuteranopia

17.3587, 16.9861, 27.9549



Tritanopia

16.7326, 17.1528, 20.8413

Trichromacy



Original Color

18.0662, 17.0268, 27.9255

Protanomaly

17.3076, 16.9510, 28.3463

Deuteranomaly

17.6372, 16.9667, 27.9365

Tritanomaly

17.2037, 17.1771, 23.1777

Monochromacy



Original Color

18.0662, 17.0268, 27.9255

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0551, 17.2972, 21.8418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0662, 17.0268, 27.9255 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(119, 110, 142)` looks like.

```
.text, #text, p{  
    color:rgb(119, 110, 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(119, 110, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 110, 142) }
```

Border

The CSS property to change the border of an element to XYZ 18.0662, 17.0268, 27.9255 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(119, 110, 142) }
```


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

```
.border{ border-color:rgb(119, 110, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 110, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 110, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 110, 142);  
box-shadow:4px 4px 4px 4px rgb(119, 110,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0662, 17.0268, 27.9255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 110, 142) }
```

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

```
.background{ background-color: rgb(119,  
110, 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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