

Converting Colors

XYZ(19.2668, 18.0243, 27.2256)

Have a look what the booklet for
XYZ(19.2668, 18.0243, 27.2256)
contains.

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Color

**XYZ(19.2802, 17.9938,
27.2679)**

Conversions

Conversions Part 1

Format	Color
Hex	7F708C
RGB	127, 112, 140
RGB Percent	50%, 44%, 55%
CMY	0.5020, 0.5608, 0.4510
CMYK	0.09, 0.20, 0.00, 0.45
HSL	272°, 11%, 49%
HSV	272°, 20%, 55%
XYZ	19.2802, 17.9938, 27.2679
YIQ	119.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

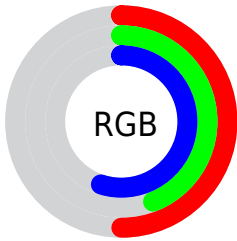
Format	Color
RYB	127, 112, 140
Decimal	8351884
CIELab	49.49, 11.51, -13.15
CIELCh	49, 17.475, 311.176
Yxy	17.9938, 0.2987, 0.2788
Android (android.graphics.Color)	4286541964 (0xFF7F708C)
YUV	119.6770, 10.0192, 6.4223
Hunter-Lab	42.4191, 6.8979, -8.4195

Details

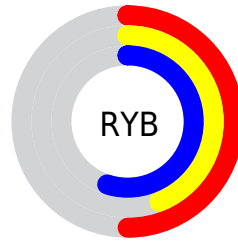
The XYZ color **19.2802, 17.9938, 27.2679** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.7607, 24.2864, 18.9236**, and the grayscale version is **17.7191, 18.6418, 20.3010**.

A 20% lighter version of the original color is **41.8355, 40.1493, 56.5836**, and **6.8207, 6.0247, 10.4762** is the 20% darker color. If you saturate the color by 10%, you get **16.9170, 14.6583, 26.7489**, and if you desaturate by 10%, it is **21.9471, 21.8434, 27.8707**.

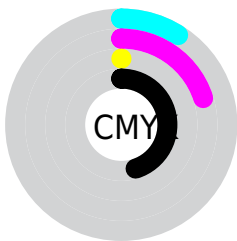
Distribution



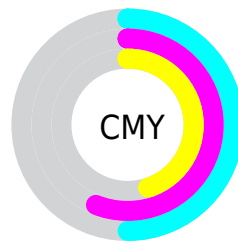
- Red (50%)
- Green (44%)
- Blue (55%)



- Red (50%)
- Yellow (44%)
- Blue (55%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2802, 17.9938, 27.2679 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 19.2802, 17.9938, 27.2679 by changing the saturation by 10% instead.

■ 19.2802, 17.9938,
27.2679

■ 19.2802, 17.9938,
27.2679

240.8998,
240.8361, 302.7530

■ 11.9781, 10.9455,
17.5403

■ 41.7203, 40.0268,
56.3224

■ 6.8009, 6.0302,
10.4544

■ 57.5890, 55.7802,
76.4864

■ 3.3831, 2.8635,
5.5918

■ 77.0439, 75.2043,
100.9663

■ 1.3594, 1.0609,
2.5337

■ 100.4504, 98.6832,
130.1806

■ 0.2271, 0.0000,
0.8580

128.1740,
126.6015, 164.5479

■ 0.0000, 0.0000,
0.0000

160.5798,

159.3434, 204.4867

198.0333,
197.2935, 250.4156

■ 19.2802, 17.9938,
27.2679

■ 19.2802, 17.9938,
27.2679

■ 16.9170, 14.6583,
26.7489

■ 21.9471, 21.8434,
27.8707

■ 14.8438, 11.8120,
26.3088

■ 24.9277, 26.2261,
28.5595

■ 13.0478, 9.4310,
25.9439

■ 28.2333, 31.1628,
29.3382

■ 11.5149, 7.4888,
25.6498

■ 31.8741, 36.6724,
30.2097

■ 10.2293, 5.9558,
25.4216

■ 35.8602, 42.7730,
31.1772

■ 9.1735, 4.7988,
25.2540

■ 40.2007, 49.4820,
32.2434

■ 8.3271, 3.9791,
25.1404

■ 44.9049, 56.8159,
33.4110

■ 7.6353, 3.3894,
25.0630

■ 49.9813, 64.7906,
34.6828

■ 7.6352, 3.3893,
25.0630

■ 55.4383, 73.4215,
36.0611

Harmonies

Analogous

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



17.7256, 17.9938, 29.9401



19.2802, 17.9938, 27.2679



20.2886, 17.9938, 22.6764

Triad

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



19.2802, 17.9938, 27.2679



18.1481, 17.9938, 12.1816



14.1719, 17.9938, 21.4088

Complementary

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



19.2802, 17.9938, 27.2679



20.7607, 24.2864, 18.9236

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.



14.2688, 17.9938, 16.8011



19.2802, 17.9938, 27.2679



16.4943, 17.9938, 11.9543

Square

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



19.2802, 17.9938, 27.2679



19.6065, 17.9938, 14.1926



15.0954, 17.9938, 13.5118



14.8214, 17.9938, 26.2123

Rectangle

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



19.2802, 17.9938, 27.2679



20.4789, 17.9938, 19.4061



15.0954, 17.9938, 13.5118



14.1194, 17.9938, 19.7795

Sweetspot

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



19.2808, 17.9946, 27.2683



40.6614, 41.3887, 49.5887



18.7584, 20.0230, 27.6874



9.3033, 9.4400, 11.4112



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.



19.2808, 17.9946, 27.2683



32.0494, 28.9642, 47.6444



21.2749, 19.0305, 27.0039



5.0137, 5.0155, 6.3097



6.8071, 3.0233, 22.2705



0.0621, 0.0288, 0.1487

Inverse Universe

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



20.3116, 18.6452, 21.9311



34.2507, 30.3524, 36.2986



19.0377, 23.3921, 19.1157



5.1232, 5.0847, 5.7370



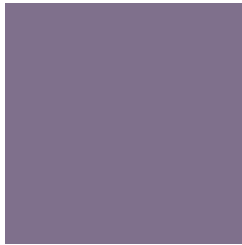
10.4675, 5.2971, 4.9659



0.0768, 0.0381, 0.0713

Previews

White Background



This preview shows how the XYZ color 19.2802, 17.9938, 27.2679 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 19.2802, 17.9938, 27.2679 looks on a black 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

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

XYZ 19.2802, 17.9938, 27.2679

Background



This preview shows how black text looks on a background with the XYZ color 19.2802, 17.9938, 27.2679.



This preview shows how white text looks on a background with the XYZ color 19.2802, 17.9938,

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

19.2802, 17.9938, 27.2679

Protanopia

18.0013, 18.1505, 28.5412

Deuteranopia

18.3987, 18.0475, 26.9399



Tritanopia

18.0810, 18.0018, 21.5905

Trichromacy



Original Color

19.2802, 17.9938, 27.2679

Protanomaly

18.3493, 17.9964, 28.0977

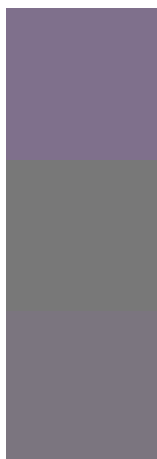
Deuteranomaly

18.7036, 18.0363, 26.9217

Tritanomaly

18.5040, 18.0063, 23.6194

Monochromacy



Original Color

19.2802, 17.9938, 27.2679

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.3604, 18.4658, 22.6752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2802, 17.9938, 27.2679 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(127, 112, 140)` looks like.

```
.text, #text, p{  
    color:rgb(127, 112, 140)  
}
```

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(127, 112, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 112, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.2802, 17.9938, 27.2679 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(127, 112, 140) }
```


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

```
.border{ border-color:rgb(127, 112, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 112, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 112, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 112, 140);  
box-shadow:4px 4px 4px 4px rgb(127, 112,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2802, 17.9938, 27.2679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 112, 140) }
```

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

```
.background{ background-color: rgb(127,  
112, 140) }
```

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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