

Converting Colors

XYZ(19.2664, 18.0029, 28.0511)

Have a look what the booklet for
XYZ(19.2664, 18.0029, 28.0511)
contains.

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Color

**XYZ(19.2808, 17.9770,
28.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	7E708E
RGB	126, 112, 142
RGB Percent	49%, 44%, 56%
CMY	0.5059, 0.5608, 0.4431
CMYK	0.11, 0.21, 0.00, 0.44
HSL	268°, 12%, 50%
HSV	268°, 21%, 56%
XYZ	19.2808, 17.9770, 28.0449
YIQ	119.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

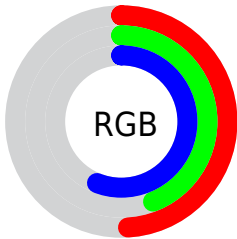
Format	Color
R_{YB}	126, 112, 142
Decimal	8286350
CIE _{Lab}	49.47, 11.60, -14.37
CIE _{LCh}	49, 18.469, 308.893
Yxy	17.9770, 0.2953, 0.2753
Android (android.graphics.Color)	4286476430 (0xFF7E708E)
YUV	119.6060, 11.0402, 5.6075
Hunter-Lab	42.3993, 6.9729, -9.5377

Details

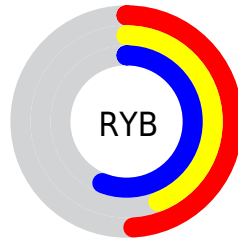
The XYZ color **19.2808, 17.9770, 28.0449** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.5005, 25.1056, 19.0429**, and the grayscale version is **17.6936, 18.6151, 20.2718**.

A 20% lighter version of the original color is **41.8297, 40.1201, 57.7639**, and **6.8257, 6.0173, 10.9269** is the 20% darker color. If you saturate the color by 10%, you get **16.7611, 14.5331, 27.5132**, and if you desaturate by 10%, it is **22.1333, 21.9602, 28.6637**.

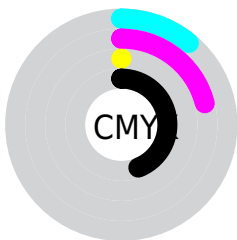
Distribution



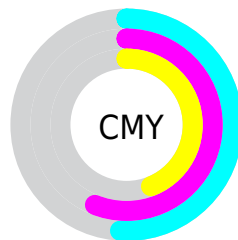
- Red (49%)
- Green (44%)
- Blue (56%)



- Red (49%)
- Yellow (44%)
- Blue (56%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2808, 17.9770, 28.0449 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 19.2808, 17.9770, 28.0449 by changing the saturation by 10% instead.

■ 19.2808, 17.9770,
28.0449

■ 19.2808, 17.9770,
28.0449

240.9030,
240.7414, 306.6001

■ 11.9786, 10.9335,
18.1202

■ 41.7213, 39.9981,
57.5801

■ 6.8012, 6.0221,
10.8660

■ 57.5902, 55.7445,
78.0276

■ 3.3833, 2.8585,
5.8637

■ 77.0454, 75.1607,
102.8198

■ 1.3595, 1.0583,
2.6950

■ 100.4522, 98.6309,
132.3753

■ 0.2271, 0.0000,
0.9409

128.1761,
126.5398, 167.1125

■ 0.0000, 0.0000,
0.0000

160.5822,

159.2715, 207.4500

198.0361,
197.2106, 253.8063

■ 19.2808, 17.9770,
28.0449

■ 19.2808, 17.9770,
28.0449

■ 16.7611, 14.5331,
27.5132

■ 22.1333, 21.9602,
28.6637

■ 14.5592, 11.6022,
27.0636

■ 25.3295, 26.5031,
29.3721

■ 12.6611, 9.1591,
26.6920

■ 28.8819, 31.6275,
30.1740

■ 11.0512, 7.1755,
26.3940

■ 32.8018, 37.3535,
31.0726

■ 9.7124, 5.6202,
26.1644

■ 37.1000, 43.7003,
32.0711

8.6254, 4.4577,
25.9973

41.7868, 50.6861,
33.1725

7.7678, 3.6466,
25.8859

46.8721, 58.3284,
34.3796

7.1469, 3.1203,
25.8171

52.3654, 66.6441,
35.6951

58.2760, 75.6493,
37.1218

Harmonies

Analogous

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



17.6105, 17.9770, 30.6838



19.2808, 17.9770, 28.0449



20.4114, 17.9770, 23.2417

Triad

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



19.2808, 17.9770, 28.0449



18.3234, 17.9770, 11.9089



13.9817, 17.9770, 21.0972

Complementary

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



19.2808, 17.9770, 28.0449



21.5005, 25.1056, 19.0429

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.



14.1440, 17.9770, 16.3138



19.2808, 17.9770, 28.0449



16.5732, 17.9770, 11.5331

Square

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



19.2808, 17.9770, 28.0449



19.8331, 17.9770, 14.1397



15.0655, 17.9770, 13.0076



14.6062, 17.9770, 26.2476

Rectangle

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



19.2808, 17.9770, 28.0449



20.6652, 17.9770, 19.7601



15.0655, 17.9770, 13.0076



13.9470, 17.9770, 19.3889

Sweetspot

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



19.2814, 17.9778, 28.0453



41.7707, 42.6042, 51.1498



19.3499, 20.9676, 28.6188



9.2609, 9.4182, 11.4092



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.



19.2814, 17.9778, 28.0453



31.9768, 28.9179, 49.0242



21.5769, 19.1611, 28.1527



5.3538, 5.3706, 6.7832



6.4377, 2.8124, 23.1806



0.0866, 0.0398, 0.2228

Inverse Universe

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



20.8465, 18.8985, 22.9723



35.2548, 30.8471, 38.3634



19.4729, 24.0603, 18.9480



5.5215, 5.4691, 6.2444



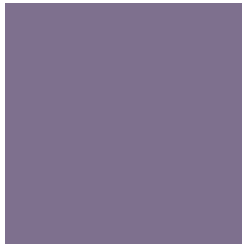
11.1883, 5.6324, 6.6431



0.1181, 0.0583, 0.1222

Previews

White Background



This preview shows how the XYZ color 19.2808, 17.9770, 28.0449 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 19.2808, 17.9770, 28.0449 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 19.2808, 17.9770, 28.0449

Background



This preview shows how black text looks on a background with the XYZ color 19.2808, 17.9770, 28.0449.



This preview shows how white text looks on a background with the XYZ color 19.2808, 17.9770,

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

19.2808, 17.9770, 28.0449

Protanopia

18.0277, 18.1464, 29.3405

Deuteranopia

18.2746, 17.9665, 27.7040



Tritanopia

17.9372, 17.9277, 21.5838

Trichromacy



Original Color

19.2808, 17.9770, 28.0449

Protanomaly

18.3672, 17.9881, 28.8895

Deuteranomaly

18.5708, 17.9508, 27.6854

Tritanomaly

18.4262, 17.9584, 23.9679

Monochromacy



Original Color

19.2808, 17.9770, 28.0449

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.2836, 18.4187, 23.0136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2808, 17.9770, 28.0449 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(126, 112, 142)` looks like.

```
.text, #text, p{  
    color:rgb(126, 112, 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(126, 112, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 112, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.2808, 17.9770, 28.0449 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(126, 112, 142) }
```


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

```
.border{ border-color:rgb(126, 112, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 112, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 112, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 112, 142);  
box-shadow:4px 4px 4px 4px rgb(126, 112,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2808, 17.9770, 28.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 112, 142) }
```

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

```
.background{ background-color: rgb(126,  
112, 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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