

Converting Colors

XYZ(17.7195, 19.8463, 28.3733)

Have a look what the booklet for
XYZ(17.7195, 19.8463, 28.3733)
contains.

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Color

**XYZ(17.7274, 19.8411,
28.4866)**

Conversions

Conversions Part 1

Format	Color
Hex	647F8E
RGB	100, 127, 142
RGB Percent	39%, 50%, 56%
CMY	0.6078, 0.5020, 0.4431
CMYK	0.30, 0.11, 0.00, 0.44
HSL	201°, 17%, 47%
HSV	201°, 30%, 56%
XYZ	17.7274, 19.8411, 28.4866
YIQ	120.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

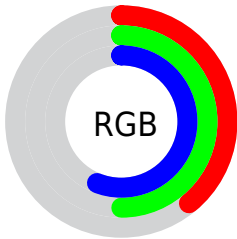
Format	Color
R_{YB}	100, 116, 142
Decimal	6586254
CIE _{Lab}	51.66, -5.95, -11.27
CIE _{LCh}	52, 12.740, 242.157
Yxy	19.8411, 0.2684, 0.3004
Android (android.graphics.Color)	4284776334 (0xFF647F8E)
YUV	120.6370, 10.5320, -18.0986
Hunter-Lab	44.5433, -6.9113, -6.7371

Details

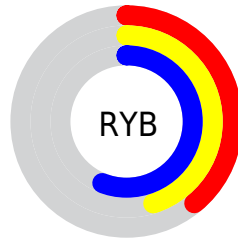
The XYZ color **17.7274, 19.8411, 28.4866** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5866, 18.9325, 14.6791**, and the grayscale version is **18.0294, 18.9683, 20.6565**.

A 20% lighter version of the original color is **39.2340, 43.3034, 58.5151**, and **6.0214, 6.9253, 11.1446** is the 20% darker color. If you saturate the color by 10%, you get **15.6532, 17.8244, 28.2070**, and if you desaturate by 10%, it is **20.1095, 22.0665, 28.7909**.

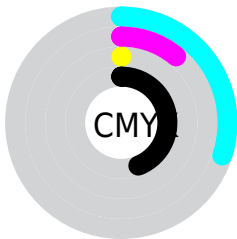
Distribution



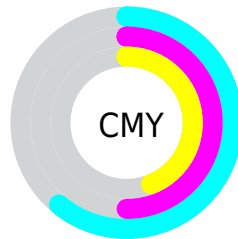
- Red (39%)
- Green (50%)
- Blue (56%)



- Red (39%)
- Yellow (45%)
- Blue (56%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (61%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7274, 19.8411, 28.4866 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 17.7274, 19.8411, 28.4866 by changing the saturation by 10% instead.

■ 17.7274, 19.8411,
28.4866

■ 17.7274, 19.8411,
28.4866

232.4054,
251.0536, 308.7696

■ 10.8530, 12.2796,
18.4506

■ 39.1060, 43.1506,
58.2928

■ 6.0346, 6.9344,
11.1012

■ 54.3409, 59.6674,
78.9001

■ 2.9070, 3.4211,
6.0199

■ 73.0933, 79.9381,
103.8681

■ 1.1048, 1.3553,
2.7882

■ 95.7285, 104.3471,
133.6155

■ 0.0291, 0.1834,
0.9875

122.6120,
133.2787, 168.5609

■ 0.0000, 0.0000,
0.0000

154.1091,

167.1174, 209.1226

190.5851,
206.2476, 255.7193

■ 17.7274, 19.8411,
28.4866

■ 17.7274, 19.8411,
28.4866

■ 15.6532, 17.8244,
28.2070

■ 20.1095, 22.0665,
28.7909

■ 13.8705, 16.0056,
27.9499

■ 22.8115, 24.5059,
29.1194

■ 12.3639, 14.3767,
27.7149

■ 25.8466, 27.1674,
29.4731

■ 11.1157, 12.9278,
27.5010

■ 29.2270, 30.0579,
29.8529

■ 10.1061, 11.6479,
27.3072

■ 32.9640, 33.1839,
30.2593

■ 9.3120, 10.5243,
27.1322

■ 37.0686, 36.5517,
30.6930

■ 8.6746, 9.5259,
26.9730

■ 41.5512, 40.1673,
31.1546

■ 8.6486, 9.4851,
26.9665

■ 46.4217, 44.0364,
31.6447

■ 51.6898, 48.1646,
32.1639

Harmonies

Analogous

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



16.8424, 19.8411, 25.5944



17.7274, 19.8411, 28.4866



18.9516, 19.8411, 29.4772

Triad

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



17.7274, 19.8411, 28.4866



21.4376, 19.8411, 21.3382



17.5732, 19.8411, 16.1480

Complementary

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



17.7274, 19.8411, 28.4866



19.5866, 18.9325, 14.6791

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.



18.7655, 19.8411, 15.2740



17.7274, 19.8411, 28.4866



21.0292, 19.8411, 18.0508

Square

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



17.7274, 19.8411, 28.4866



21.1294, 19.8411, 25.0811



20.0364, 19.8411, 15.9295



16.7562, 19.8411, 18.4633

Rectangle

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



17.7274, 19.8411, 28.4866



19.8060, 19.8411, 28.8449



20.0364, 19.8411, 15.9295



17.9415, 19.8411, 15.6886

Sweetspot

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



17.7280, 19.8419, 28.4871



40.4229, 43.3889, 51.3723



18.0062, 23.2867, 19.6755



8.8825, 9.5610, 11.4567



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.



17.7280, 19.8419, 28.4871



28.9485, 32.7583, 49.9251



15.3235, 15.0328, 27.6855



5.4004, 5.7967, 6.8630



7.7828, 8.5516, 24.2175



0.0953, 0.1235, 0.2385

Inverse Universe

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



19.5438, 16.3979, 22.2146



32.7112, 25.9767, 36.8476



22.2179, 24.1952, 15.5562



5.5456, 5.4788, 6.3711



11.7315, 5.8496, 9.5034



0.1227, 0.0601, 0.1464

Previews

White Background



This preview shows how the XYZ color 17.7274, 19.8411, 28.4866 looks on a white 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

Black Background



This preview shows how the XYZ color 17.7274, 19.8411, 28.4866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

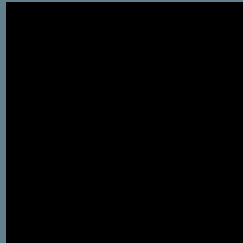
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

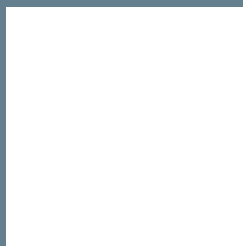
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7274, 19.8411, 28.4866

Background



This preview shows how black text looks on a background with the XYZ color 17.7274, 19.8411, 28.4866.



This preview shows how white text looks on a background with the XYZ color 17.7274, 19.8411,

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

17.7274, 19.8411, 28.4866

Protanopia

19.3655, 19.7762, 27.2226

Deuteranopia

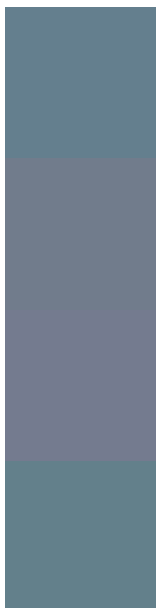
20.1318, 19.7761, 28.7427



Tritanopia

17.4522, 19.9260, 26.9710

Trichromacy



Original Color

17.7274, 19.8411, 28.4866

Protanomaly

18.7513, 19.8195, 27.6482

Deuteranomaly

19.2433, 19.8621, 28.8061

Tritanomaly

17.5250, 19.9551, 27.3541

Monochromacy



Original Color

17.7274, 19.8411, 28.4866

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8555, 19.2616, 23.5457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7274, 19.8411, 28.4866 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(100, 127, 142)` looks like.

```
.text, #text, p{  
    color:rgb(100, 127, 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(100, 127, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 127, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.7274, 19.8411, 28.4866 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(100, 127, 142) }
```


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

```
.border{ border-color:rgb(100, 127, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 127, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 127, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 127, 142);  
box-shadow:4px 4px 4px 4px rgb(100, 127,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7274, 19.8411, 28.4866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 127, 142) }
```

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

```
.background{ background-color: rgb(100,  
127, 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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