

Converting Colors

XYZ(17.7642, 19.2473, 27.7838)

Have a look what the booklet for
XYZ(17.7642, 19.2473, 27.7838)
contains.

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Color

**XYZ(17.8411, 19.3416,
27.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	697C8D
RGB	105, 124, 141
RGB Percent	41%, 49%, 55%
CMY	0.5882, 0.5137, 0.4471
CMYK	0.26, 0.12, 0.00, 0.45
HSL	208°, 15%, 48%
HSV	208°, 26%, 55%
XYZ	17.8411, 19.3416, 27.9923
YIQ	120.2570, -16.7810, 1.2590

Conversions

Conversions Part 2

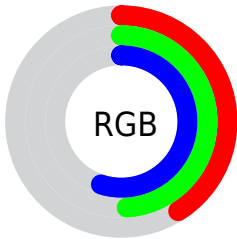
Format	Color
R_{YB}	105, 117, 141
Decimal	6913165
CIE _{Lab}	51.08, -2.87, -11.51
CIE _{LCh}	51, 11.862, 255.984
Yxy	19.3416, 0.2737, 0.2968
Android (android.graphics.Color)	4285103245 (0xFF697C8D)
YUV	120.2570, 10.2263, -13.3804
Hunter-Lab	43.9791, -4.5509, -6.9522

Details

The XYZ color **17.8411, 19.3416, 27.9923** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.4942, 20.6021, 16.2617**, and the grayscale version is **17.9074, 18.8400, 20.5168**.

A 20% lighter version of the original color is **39.2803, 42.1589, 57.6969**, and **6.0917, 6.6573, 10.8615** is the 20% darker color. If you saturate the color by 10%, you get **15.5140, 16.9452, 27.6527**, and if you desaturate by 10%, it is **20.5004, 21.9938, 28.3644**.

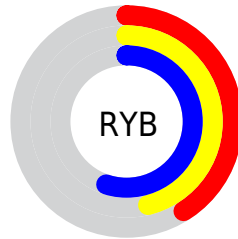
Distribution



Red (41%)

Green (49%)

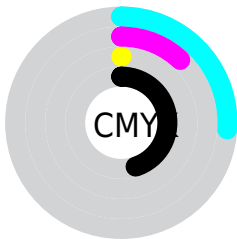
Blue (55%)



Red (41%)

Yellow (46%)

Blue (55%)

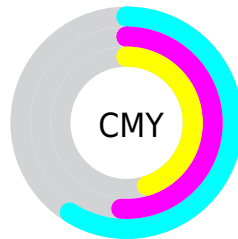


Cyan (26%)

Magenta (12%)

Yellow (0%)

Black (45%)



Cyan (59%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8411, 19.3416, 27.9923 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 17.8411, 19.3416, 27.9923 by changing the saturation by 10% instead.

■ 17.8411, 19.3416,
27.9923

■ 17.8411, 19.3416,
27.9923

233.0368,
248.3281, 306.3409

■ 10.9350, 11.9174,
18.0809

■ 39.2986, 42.3105,
57.4951

■ 6.0901, 6.6874,
10.8380

■ 54.5806, 58.6240,
77.9235

■ 2.9411, 3.2674,
5.8452

■ 73.3854, 78.6694,
102.6947

■ 1.1227, 1.2729,
2.6839

■ 96.0782, 102.8310,
132.2272

■ 0.0440, 0.1201,
0.9353

123.0244,
131.4933, 166.9395

■ 0.0000, 0.0000,
0.0000

154.5893,

165.0407, 207.2502

191.1383,
203.8575, 253.5778

■ 17.8411, 19.3416,
27.9923

■ 17.8411, 19.3416,
27.9923

■ 15.5140, 16.9452,
27.6527

■ 20.5004, 21.9938,
28.3644

■ 13.5027, 14.7932,
27.3433

■ 23.5037, 24.9082,
28.7686

■ 11.7918, 12.8763,
27.0635

■ 26.8645, 28.0936,
29.2063

■ 10.3642, 11.1841,
26.8121

■ 30.5949, 31.5579,
29.6784

■ 9.2006, 9.7048,
26.5879

■ 34.7066, 35.3085,
30.1856

■ 8.2790, 8.4251,
26.3895

■ 39.2106, 39.3526,
30.7288

■ 7.5683, 7.3270,
26.2150

■ 44.1174, 43.6969,
31.3087

■ 7.2847, 6.8769,
26.1431

■ 49.4373, 48.3481,
31.9261

■ 55.1800, 53.3127,
32.5817

Harmonies

Analogous

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



16.8560, 19.3416, 26.0713



17.8411, 19.3416, 27.9923



19.0137, 19.3416, 27.9227

Triad

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



17.8411, 19.3416, 27.9923



20.6454, 19.3416, 19.3255



16.8042, 19.3416, 16.8707

Complementary

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



17.8411, 19.3416, 27.9923



20.4942, 20.6021, 16.2617

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.



17.7676, 19.3416, 15.4249



17.8411, 19.3416, 27.9923



20.0009, 19.3416, 16.7354

Square

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



17.8411, 19.3416, 27.9923



20.6671, 19.3416, 22.6683



18.9370, 19.3416, 15.3781



16.2748, 19.3416, 19.5291

Rectangle

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



17.8411, 19.3416, 27.9923



19.7452, 19.3416, 26.7497



18.9370, 19.3416, 15.3781



17.0861, 19.3416, 16.2399

Sweetspot

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



17.8417, 19.3424, 27.9927



40.6091, 43.1810, 51.3223



18.8516, 23.4536, 21.8814



8.9029, 9.4829, 11.4406



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.



17.8417, 19.3424, 27.9927



29.3256, 31.9524, 49.7497



15.8087, 15.2763, 27.3151



5.3504, 5.6965, 6.8463



6.6581, 6.3023, 23.8426



0.0857, 0.1044, 0.2353

Inverse Universe

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



19.6747, 17.2217, 21.3567



33.2824, 27.6632, 35.3603



22.8836, 25.3808, 17.0581



5.5203, 5.4687, 6.2380



11.1638, 5.6226, 6.5141



0.1179, 0.0582, 0.1210

Previews

White Background



This preview shows how the XYZ color 17.8411, 19.3416, 27.9923 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 17.8411, 19.3416, 27.9923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

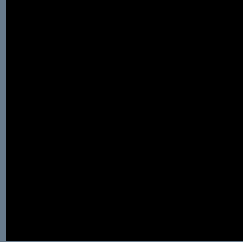
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

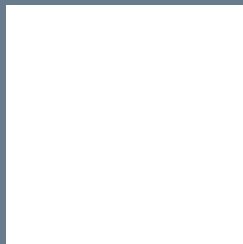
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.8411, 19.3416, 27.9923

Background



This preview shows how black text looks on a background with the XYZ color 17.8411, 19.3416, 27.9923.



This preview shows how white text looks on a background with the XYZ color 17.8411, 19.3416,

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

17.8411, 19.3416, 27.9923

Protanopia

18.8479, 19.1486, 27.1288

Deuteranopia

19.6477, 19.3576, 28.2920



Tritanopia

17.4157, 19.3596, 25.7405

Trichromacy



Original Color

17.8411, 19.3416, 27.9923

Protanomaly

18.3810, 19.0789, 27.5248

Deuteranomaly

18.9223, 19.3407, 28.3270

Tritanomaly

17.5579, 19.4164, 26.4893

Monochromacy



Original Color

17.8411, 19.3416, 27.9923

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8039, 18.8781, 23.1275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8411, 19.3416, 27.9923 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(105, 124, 141)` looks like.

```
.text, #text, p{  
    color:rgb(105, 124, 141)  
}
```

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(105, 124, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 124, 141) }
```

Border

The CSS property to change the border of an element to XYZ 17.8411, 19.3416, 27.9923 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(105, 124, 141) }
```


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

```
.border{ border-color:rgb(105, 124, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 124, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 124, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 124, 141);  
box-shadow:4px 4px 4px 4px rgb(105, 124,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8411, 19.3416, 27.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 124, 141) }
```

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

```
.background{ background-color: rgb(105,  
124, 141) }
```

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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