

Converting Colors

XYZ(17.9816, 19.5975, 28.5949)

Have a look what the booklet for
XYZ(17.9816, 19.5975, 28.5949)
contains.

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Color

**XYZ(17.9250, 19.5633,
28.4225)**

Conversions

Conversions Part 1

Format	Color
Hex	687D8E
RGB	104, 125, 142
RGB Percent	41%, 49%, 56%
CMY	0.5922, 0.5098, 0.4431
CMYK	0.27, 0.12, 0.00, 0.44
HSL	207°, 15%, 48%
HSV	207°, 27%, 56%
XYZ	17.9250, 19.5633, 28.4225
YIQ	120.6590, -17.9730, 0.8350

Conversions

Conversions Part 2

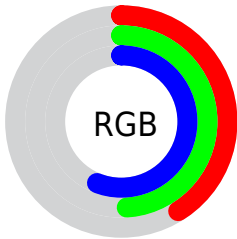
Format	Color
R_{YB}	104, 118, 142
Decimal	6847886
CIE Lab	51.34, -3.53, -11.72
CIE LCh	51, 12.235, 253.254
Yxy	19.5633, 0.2720, 0.2968
Android (android.graphics.Color)	4285037966 (0xFF687D8E)
YUV	120.6590, 10.5211, -14.6099
Hunter-Lab	44.2304, -5.0636, -7.1385

Details

The XYZ color **17.9250, 19.5633, 28.4225** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.4915, 20.4250, 15.9595**, and the grayscale version is **18.0358, 18.9751, 20.6639**.

A 20% lighter version of the original color is **39.5945, 42.8942, 58.4171**, and **6.1471, 6.7823, 11.1104** is the 20% darker color. If you saturate the color by 10%, you get **15.6350, 17.2274, 28.0926**, and if you desaturate by 10%, it is **20.5452, 22.1468, 28.7834**.

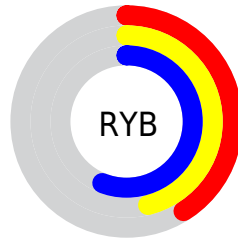
Distribution



Red (41%)

Green (49%)

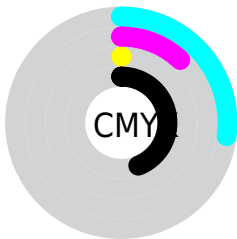
Blue (56%)



Red (41%)

Yellow (46%)

Blue (56%)

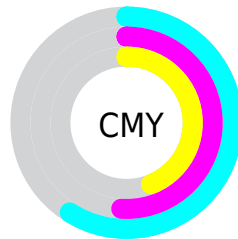


Cyan (27%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9250, 19.5633, 28.4225 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 17.9250, 19.5633, 28.4225 by changing the saturation by 10% instead.

■ 17.9250, 19.5633,
28.4225

■ 17.9250, 19.5633,
28.4225

233.5017,
249.5411, 308.4555

■ 10.9955, 12.0780,
18.4026

■ 39.4406, 42.6838,
58.1895

■ 6.1311, 6.7968,
11.0670

■ 54.7574, 59.0878,
78.7736

■ 2.9664, 3.3354,
5.9972

■ 73.6006, 79.2335,
103.7162

■ 1.1360, 1.3092,
2.7746

■ 96.3358, 103.5053,
133.4359

■ 0.0549, 0.1483,
0.9807

123.3281,
132.2875, 168.3511

■ 0.0000, 0.0000,
0.0000

154.9429,

165.9646, 208.8804

191.5457,
204.9210, 255.4424

■ 17.9250, 19.5633,
28.4225

■ 17.9250, 19.5633,
28.4225

■ 15.6350, 17.2274,
28.0926

■ 20.5452, 22.1468,
28.7834

■ 13.6586, 15.1276,
27.7915

■ 23.5077, 24.9839,
29.1749

■ 11.9803, 13.2550,
27.5185

■ 26.8260, 28.0837,
29.5983

■ 10.5825, 11.5989,
27.2725

■ 30.5126, 31.4536,
30.0544

■ 9.4454, 10.1477,
27.0524

■ 34.5791, 35.1010,
30.5441

■ 8.5466, 8.8881,
26.8566

■ 39.0366, 39.0330,
31.0681

■ 7.8484, 7.7992,
26.6832

■ 43.8958, 43.2561,
31.6272

■ 7.6412, 7.4703,
26.6307

■ 49.1670, 47.7770,
32.2220

■ 54.8601, 52.6018,
32.8532

Harmonies

Analogous

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



16.9338, 19.5633, 26.2569



17.9250, 19.5633, 28.4225



19.1387, 19.5633, 28.5514

Triad

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



17.9250, 19.5633, 28.4225



20.9783, 19.5633, 19.7942



17.0291, 19.5633, 16.7631

Complementary

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



17.9250, 19.5633, 28.4225



20.4915, 20.4250, 15.9595

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.



18.0604, 19.5633, 15.3955



17.9250, 19.5633, 28.4225



20.3601, 19.5633, 17.0117

Square

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



17.9250, 19.5633, 28.4225



20.9382, 19.5633, 23.3010



19.2801, 19.5633, 15.4812



16.4323, 19.5633, 19.4190

Rectangle

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



17.9250, 19.5633, 28.4225



19.9138, 19.5633, 27.4436



19.2801, 19.5633, 15.4812



17.3345, 19.5633, 16.1512

Sweetspot

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



17.9256, 19.5641, 28.4229



40.6812, 43.3252, 51.3464



18.8008, 23.6568, 21.4938



8.9215, 9.5202, 11.4468



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.



17.9256, 19.5641, 28.4229



29.1561, 32.0144, 49.7706



15.8010, 15.3148, 27.7147



5.3611, 5.7180, 6.8499



6.8791, 6.7442, 23.9163



0.0878, 0.1085, 0.2360

Inverse Universe

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



19.8078, 17.1325, 21.6659



33.0989, 27.2150, 35.5497



22.9547, 25.3513, 16.7806



5.5258, 5.4708, 6.2666



11.2754, 5.6672, 7.1014



0.1189, 0.0586, 0.1265

Previews

White Background



This preview shows how the XYZ color 17.9250, 19.5633, 28.4225 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 17.9250, 19.5633, 28.4225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

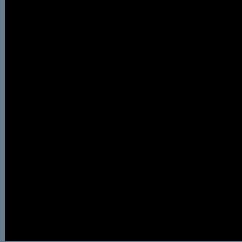
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

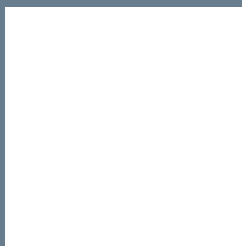
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9250, 19.5633, 28.4225

Background



This preview shows how black text looks on a background with the XYZ color 17.9250, 19.5633, 28.4225.



This preview shows how white text looks on a background with the XYZ color 17.9250, 19.5633,

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

17.9250, 19.5633, 28.4225

Protanopia

19.1053, 19.4608, 27.1754

Deuteranopia

19.8669, 19.4619, 28.6960



Tritanopia

17.4983, 19.5828, 26.1502

Trichromacy



Original Color

17.9250, 19.5633, 28.4225

Protanomaly

18.6326, 19.3899, 27.5715

Deuteranomaly

19.1314, 19.4398, 28.7305

Tritanomaly

17.6418, 19.6403, 26.9059

Monochromacy



Original Color

17.9250, 19.5633, 28.4225

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9922, 19.1489, 23.5167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9250, 19.5633, 28.4225 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(104, 125, 142)` looks like.

```
.text, #text, p{  
    color:rgb(104, 125, 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(104, 125, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 125, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.9250, 19.5633, 28.4225 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(104, 125, 142) }
```


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

```
.border{ border-color:rgb(104, 125, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 125, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 125, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 125, 142);  
box-shadow:4px 4px 4px 4px rgb(104, 125,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9250, 19.5633, 28.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 125, 142) }
```

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

```
.background{ background-color: rgb(104,  
125, 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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