

Converting Colors

XYZ(17.9383, 19.7378, 23.1143)

Have a look what the booklet for
XYZ(17.9383, 19.7378, 23.1143)
contains.

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Color

**XYZ(17.9120, 19.6705,
23.2748)**

Conversions

Conversions Part 1

Format	Color
Hex	707D80
RGB	112, 125, 128
RGB Percent	44%, 49%, 50%
CMY	0.5608, 0.5098, 0.4980
CMYK	0.12, 0.02, 0.00, 0.50
HSL	191°, 7%, 47%
HSV	191°, 12%, 50%
XYZ	17.9120, 19.6705, 23.2748
YIQ	121.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

Format	Color
R_{YB}	112, 119, 128
Decimal	7372160
CIE Lab	51.46, -4.12, -3.27
CIE LCh	51, 5.262, 218.402
Yxy	19.6705, 0.2943, 0.3232
Android (android.graphics.Color)	4285562240 (0xFF707D80)
YUV	121.4550, 3.2267, -8.2920
Hunter-Lab	44.3514, -5.5251, -0.0683

Details

The XYZ color **17.9120, 19.6705, 23.2748** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9576, 18.0204, 17.8614**, and the grayscale version is **18.3136, 19.2674, 20.9822**.

A 20% lighter version of the original color is **39.5707, 43.0695, 49.9437**, and **6.1101, 6.8234, 8.3921** is the 20% darker color. If you saturate the color by 10%, you get **16.0979, 18.2905, 23.1044**, and if you desaturate by 10%, it is **19.9661, 21.1862, 23.4594**.

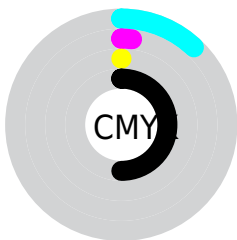
Distribution



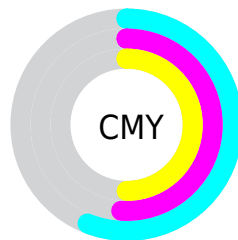
- Red (44%)
- Green (49%)
- Blue (50%)



- Red (44%)
- Yellow (47%)
- Blue (50%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9120, 19.6705, 23.2748 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 17.9120, 19.6705, 23.2748 by changing the saturation by 10% instead.

■ 17.9120, 19.6705,
23.2748

■ 17.9120, 19.6705,
23.2748

233.4298,
250.1257, 282.3008

■ 10.9861, 12.1558,
14.5893

■ 39.4186, 42.8641,
49.7731

■ 6.1247, 6.8498,
8.3883

■ 54.7300, 59.3117,
68.4229

■ 2.9625, 3.3684,
4.2531

■ 73.5673, 79.5057,
91.2314

■ 1.1339, 1.3269,
1.7652

■ 96.2959, 103.8305,
118.6169

■ 0.0532, 0.1619,
0.4048

123.2810,
132.6705, 150.9981

■ 0.0000, 0.0000,
0.0000

154.8882,

166.4101, 188.7934

191.4826,
205.4337, 232.4215

■ 17.9120, 19.6705,
23.2748

■ 17.9120, 19.6705,
23.2748

■ 16.0979, 18.2905,
23.1044

■ 19.9661, 21.1862,
23.4594

■ 14.5124, 17.0386,
22.9463

■ 22.2678, 22.8399,
23.6573

■ 13.1455, 15.9101,
22.8005

■ 24.8262, 24.6371,
23.8693

■ 11.9860, 14.8993,
22.6665

■ 27.6497, 26.5820,
24.0959

■ 11.0216, 13.9995,
22.5437

■ 30.7462, 28.6788,
24.3375

■ 10.2385, 13.2038,
22.4313

■ 34.1232, 30.9315,
24.5943

■ 9.6212, 12.5039,
22.3288

■ 37.7880, 33.3439,
24.8668

■ 9.1515, 11.8905,
22.2351

■ 41.7475, 35.9196,
25.1552

■ 8.8483, 11.4624,
22.1685

■ 46.0086, 38.6622,
25.4600

Harmonies

Analogous

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



17.7100, 19.6705, 21.8454



17.9120, 19.6705, 23.2748



18.3251, 19.6705, 24.2360

Triad

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



17.9120, 19.6705, 23.2748



19.6560, 19.6705, 22.5058



18.5483, 19.6705, 18.6689

Complementary

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



17.9120, 19.6705, 23.2748



17.9576, 18.0204, 17.8614

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.



19.0723, 19.6705, 18.8271



17.9120, 19.6705, 23.2748



19.7184, 19.6705, 20.9959

Square

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



17.9120, 19.6705, 23.2748



19.3338, 19.6705, 23.7777



19.5030, 19.6705, 19.6624



18.0728, 19.6705, 19.2195

Rectangle

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



17.9120, 19.6705, 23.2748



18.6679, 19.6705, 24.4571



19.5030, 19.6705, 19.6624



18.7245, 19.6705, 18.6414

Sweetspot

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



17.9126, 19.6713, 23.2752



34.5484, 36.8602, 41.2501



17.4923, 20.1197, 19.1615



8.0305, 8.5874, 9.6526



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.9126, 19.6713, 23.2752



30.5862, 33.9185, 40.8911



16.9478, 17.7417, 22.9536



4.3801, 4.7542, 5.5001



8.7745, 11.3675, 21.9816



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.3984, 17.6586, 21.8418



31.6229, 29.6730, 37.8212



18.9017, 19.9088, 18.1761



4.4647, 4.3990, 5.2515



11.3059, 5.5421, 13.4666



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9120, 19.6705, 23.2748 looks on a white background.

Color Contrast Check

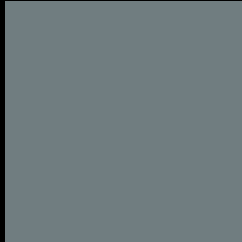
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9120, 19.6705, 23.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

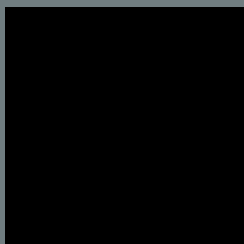
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

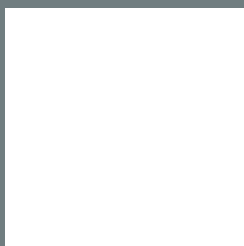
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9120, 19.6705, 23.2748

Background



This preview shows how black text looks on a background with the XYZ color 17.9120, 19.6705, 23.2748.



This preview shows how white text looks on a background with the XYZ color 17.9120, 19.6705,

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

17.9120, 19.6705, 23.2748

Protanopia

19.0376, 19.7105, 22.5398

Deuteranopia

19.9193, 19.6039, 23.5030



Tritanopia

18.3208, 19.6472, 25.3809

Trichromacy



Original Color

17.9120, 19.6705, 23.2748

Protanomaly

18.6595, 19.6913, 22.8960

Deuteranomaly

19.1120, 19.5448, 23.5341

Tritanomaly

18.1826, 19.5920, 24.6531

Monochromacy



Original Color

17.9120, 19.6705, 23.2748

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0688, 19.2259, 21.8274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9120, 19.6705, 23.2748 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(112, 125, 128)` looks like.

```
.text, #text, p{  
    color:rgb(112, 125, 128)  
}
```

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(112, 125, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 125, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.9120, 19.6705, 23.2748 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(112, 125, 128) }
```


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

```
.border{ border-color:rgb(112, 125, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 125, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 125, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 125, 128);  
box-shadow:4px 4px 4px 4px rgb(112, 125,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9120, 19.6705, 23.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 125, 128) }
```

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

```
.background{ background-color: rgb(112,  
125, 128) }
```

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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