

Converting Colors

XYZ(17.7909, 18.2603, 20.9666)

Have a look what the booklet for
XYZ(17.7909, 18.2603, 20.9666)
contains.

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Color

**XYZ(17.7593, 18.1927,
20.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	79757A
RGB	121, 117, 122
RGB Percent	47%, 46%, 48%
CMY	0.5255, 0.5412, 0.5216
CMYK	0.01, 0.04, 0.00, 0.52
HSL	288°, 2%, 47%
HSV	288°, 4%, 48%
XYZ	17.7593, 18.1927, 20.9879
YIQ	118.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

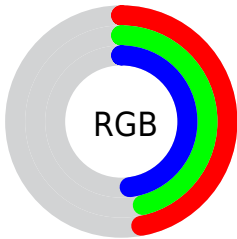
Format	Color
R_{YB}	121, 117, 122
Decimal	7959930
CIE Lab	49.73, 2.53, -2.21
CIE LCh	50, 3.357, 318.939
Yxy	18.1927, 0.3119, 0.3195
Android (android.graphics.Color)	4286150010 (0xFF79757A)
YUV	118.7660, 1.5944, 1.9592
Hunter-Lab	42.6529, -0.3209, 0.6826

Details

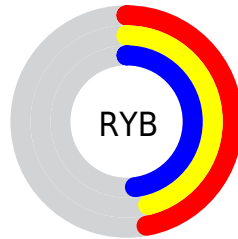
The XYZ color **17.7593, 18.1927, 20.9879** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6424, 19.0555, 19.5788**, and the grayscale version is **17.4561, 18.3651, 19.9996**.

A 20% lighter version of the original color is **39.0615, 40.3162, 45.7674**, and **6.0784, 6.1538, 7.1708** is the 20% darker color. If you saturate the color by 10%, you get **16.0918, 15.3591, 20.5291**, and if you desaturate by 10%, it is **19.6218, 21.4029, 21.5096**.

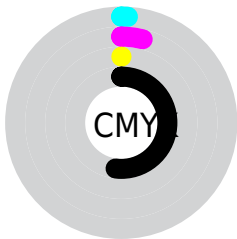
Distribution



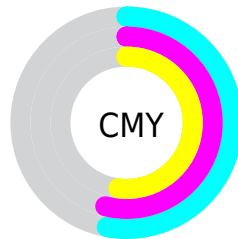
- Red (47%)
- Green (46%)
- Blue (48%)



- Red (47%)
- Yellow (46%)
- Blue (48%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (52%)



- Cyan (53%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7593, 18.1927, 20.9879 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 17.7593, 18.1927, 20.9879 by changing the saturation by 10% instead.

■ 17.7593, 18.1927,
20.9879

■ 17.7593, 18.1927,
20.9879

232.5827,
241.9550, 269.9931

■ 10.8760, 11.0884,
12.9240

■ 39.1601, 40.3654,
45.9479

■ 6.0502, 6.1263,
7.2461

■ 54.4082, 56.2026,
63.6811

■ 2.9166, 2.9221,
3.5357

■ 73.1753, 75.7196,
85.4745

■ 1.1098, 1.0912,
1.3743

95.8267, 99.3008,
111.7466

■ 0.0333, 0.0000,
0.1215

122.7278,
127.3305, 142.9160

■ 0.0000, 0.0000,
0.0000

154.2439,

160.1932, 179.4012

190.7405,
198.2732, 221.6207

■ 17.7593, 18.1927,
20.9879

■ 17.7593, 18.1927,
20.9879

■ 16.0918, 15.3591,
20.5291

■ 19.6218, 21.4029,
21.5096

■ 14.6106, 12.8854,
20.1297

■ 21.6845, 25.0009,
22.0954

■ 13.3085, 10.7574,
19.7876

■ 23.9543, 29.0002,
22.7477

■ 12.1774, 8.9587,
19.5000

■ 26.4375, 33.4130,
23.4686

■ 11.2084, 7.4718,
19.2641

■ 29.1399, 38.2510,
24.2600

■ 10.3919, 6.2776,
19.0766

■ 32.0672, 43.5254,
25.1238

■ 9.7172, 5.3545,
18.9340

■ 35.2248, 49.2471,
26.0617

■ 9.1720, 4.6784,
18.8323

■ 38.6180, 55.4265,
27.0756

■ 8.7395, 4.2156,
18.7657

■ 42.2519, 62.0736,
28.1671

Harmonies

Analogous

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



17.4919, 18.1927, 21.5212



17.7593, 18.1927, 20.9879



17.9020, 18.1927, 20.1485

Triad

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



17.7593, 18.1927, 20.9879



17.4098, 18.1927, 18.1306



16.7166, 18.1927, 20.3857

Complementary

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



17.7593, 18.1927, 20.9879



17.6424, 19.0555, 19.5788

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.



16.6953, 18.1927, 19.4729



17.7593, 18.1927, 20.9879



17.0929, 18.1927, 18.1897

Square

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



17.7593, 18.1927, 20.9879



17.6986, 18.1927, 18.5107



16.8322, 18.1927, 18.6746



16.8909, 18.1927, 21.1661

Rectangle

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



17.7593, 18.1927, 20.9879



17.9060, 18.1927, 19.5365



16.8322, 18.1927, 18.6746



16.6914, 18.1927, 20.0836

Sweetspot

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



17.7598, 18.1935, 20.9883



32.2139, 33.6707, 37.1941



17.3380, 18.1644, 21.0049



7.3714, 7.7086, 8.5061



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.7598, 18.1935, 20.9883



30.9284, 31.4668, 36.8365



17.8136, 18.2313, 20.5361



4.2288, 4.2930, 5.0489



8.9477, 4.1855, 19.7216



41.9793, 19.6031, 94.0410

Inverse Universe

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



17.6580, 18.1690, 19.7169



30.7070, 31.4139, 34.0552



17.5912, 19.0194, 20.0144



4.1966, 4.2854, 4.6441



8.6257, 4.4264, 1.3198



40.8951, 21.0144, 4.9780

Previews

White Background



This preview shows how the XYZ color 17.7593, 18.1927, 20.9879 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 17.7593, 18.1927, 20.9879 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

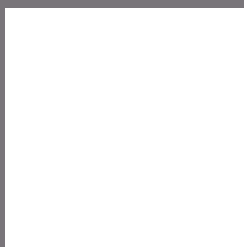
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7593, 18.1927, 20.9879

Background



This preview shows how black text looks on a background with the XYZ color 17.7593, 18.1927, 20.9879.



This preview shows how white text looks on a background with the XYZ color 17.7593, 18.1927,

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

17.7593, 18.1927, 20.9879

Protanopia

17.5990, 18.2839, 21.0139

Deuteranopia

18.5457, 18.2558, 20.9586



Tritanopia

18.0373, 18.1347, 22.2883

Trichromacy



Original Color

17.7593, 18.1927, 20.9879

Protanomaly

17.7370, 18.3551, 21.0204

Deuteranomaly

18.2157, 18.2559, 20.9760

Tritanomaly

17.9731, 18.1090, 21.9501

Monochromacy



Original Color

17.7593, 18.1927, 20.9879

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6143, 18.3060, 20.3743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7593, 18.1927, 20.9879 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(121, 117, 122)` looks like.

```
.text, #text, p{  
    color:rgb(121, 117, 122)  
}
```

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(121, 117, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 117, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.7593, 18.1927, 20.9879 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(121, 117, 122) }
```


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

```
.border{ border-color:rgb(121, 117, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 117, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 117, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 117, 122);  
box-shadow:4px 4px 4px 4px rgb(121, 117,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7593, 18.1927, 20.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 117, 122) }
```

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

```
.background{ background-color: rgb(121,  
117, 122) }
```

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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