

Converting Colors

XYZ(17.5472, 18.8476, 19.2391)

Have a look what the booklet for
XYZ(17.5472, 18.8476, 19.2391)
contains.

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Color

**XYZ(17.5975, 18.8576,
19.2354)**

Conversions

Conversions Part 1

Format	Color
Hex	777974
RGB	119, 121, 116
RGB Percent	47%, 47%, 45%
CMY	0.5333, 0.5255, 0.5451
CMYK	0.02, 0.00, 0.04, 0.53
HSL	84°, 2%, 46%
HSV	84°, 4%, 47%
XYZ	17.5975, 18.8576, 19.2354
YIQ	119.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

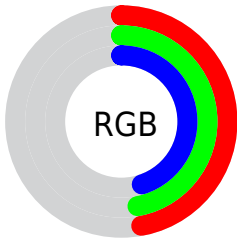
Format	Color
R_{YB}	116, 121, 118
Decimal	7829876
CIE Lab	50.52, -1.75, 2.47
CIE LCh	51, 3.025, 125.328
Yxy	18.8576, 0.3160, 0.3386
Android (android.graphics.Color)	4286019956 (0xFF777974)
YUV	119.8320, -1.8892, -0.7297
Hunter-Lab	43.4253, -3.6598, 4.1350

Details

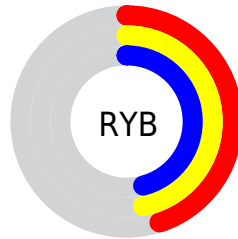
The XYZ color **17.5975, 18.8576, 19.2354** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1685, 17.7233, 20.6061**, and the grayscale version is **17.8051, 18.7324, 20.3995**.

A 20% lighter version of the original color is **38.8060, 41.3722, 42.9861**, and **6.0245, 6.5220, 6.4102** is the 20% darker color. If you saturate the color by 10%, you get **16.2913, 18.2609, 15.7363**, and if you desaturate by 10%, it is **19.0303, 19.5101, 23.2198**.

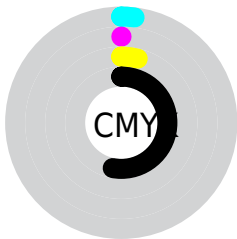
Distribution



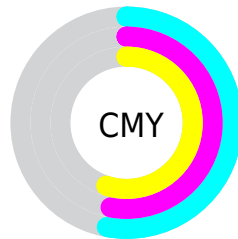
- Red (47%)
- Green (47%)
- Blue (45%)



- Red (45%)
- Yellow (47%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5975, 18.8576, 19.2354 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 17.5975, 18.8576, 19.2354 by changing the saturation by 10% instead.

■ 17.5975, 18.8576,
19.2354

■ 17.5975, 18.8576,
19.2354

231.6822,
245.6615, 260.2111

■ 10.7593, 11.5674,
11.6620

■ 38.8858, 41.4933,
42.9735

■ 5.9713, 6.4499,
6.3942

■ 54.0666, 57.6077,
59.9752

■ 2.8682, 3.1205,
3.0136

■ 72.7589, 77.4322,
80.9568

■ 1.0844, 1.1950,
1.1016

95.3283, 101.3514,
106.3367

■ 0.0120, 0.0576,
0.0000

122.1399,
129.7494, 136.5336

■ 0.0000, 0.0000,
0.0000

153.5592,

163.0109, 171.9659

189.9515,
201.5201, 213.0522

■ 17.5975, 18.8576,
19.2354

■ 17.5975, 18.8576,
19.2354

■ 16.2913, 18.2609,
15.7363

■ 19.0303, 19.5101,
23.2198

■ 15.1062, 17.7159,
12.7028

■ 20.5920, 20.2175,
27.7060

■ 14.0384, 17.2216,
10.1156

■ 22.2868, 20.9821,
32.7109

■ 13.0835, 16.7761,
7.9536

■ 24.1180, 21.8055,
38.2504

■ 12.2364, 16.3775,
6.1938

■ 26.0892, 22.6889,
44.3397

■ 11.4920, 16.0236,
4.8113

■ 28.2034, 23.6338,
50.9936

■ 10.8443, 15.7119,
3.7782

■ 30.4639, 24.6413,
58.2259

■ 10.2869, 15.4398,
3.0630

■ 32.8736, 25.7129,
66.0504

■ 9.8107, 15.2036,
2.6213

■ 35.4353, 26.8496,
74.4800

Harmonies

Analogous

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



17.8709, 18.8576, 18.9570



17.5975, 18.8576, 19.2354



17.4129, 18.8576, 19.8619

Triad

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



17.5975, 18.8576, 19.2354



17.6878, 18.8576, 22.0449



18.4944, 18.8576, 20.3822

Complementary

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



17.5975, 18.8576, 19.2354



17.1685, 17.7233, 20.6061

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.



18.4441, 18.8576, 21.2185



17.5975, 18.8576, 19.2354



17.9763, 18.8576, 22.1934

Square

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



17.5975, 18.8576, 19.2354



17.4647, 18.8576, 21.4867



18.2537, 18.8576, 21.8871



18.3905, 18.8576, 19.6074

Rectangle

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



17.5975, 18.8576, 19.2354



17.3640, 18.8576, 20.4007



18.2537, 18.8576, 21.8871



18.4950, 18.8576, 20.6653

Sweetspot

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



17.5980, 18.8584, 19.2358



32.2847, 34.1210, 36.5678



17.5166, 18.2834, 19.1291



7.3864, 7.8038, 8.3736



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.



17.5980, 18.8584, 19.2358



31.2700, 33.6584, 33.7852



17.2594, 18.6839, 19.2200



4.2784, 4.6119, 4.6050



10.2242, 16.1480, 2.5780



47.7902, 76.5222, 12.2515

Inverse Universe

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



17.1685, 17.7233, 20.6061



30.3224, 31.1543, 36.8081



17.5125, 17.9007, 20.6222



4.1406, 4.2476, 5.0448



5.0144, 2.1578, 19.5375



23.0137, 9.8260, 93.1534

Previews

White Background



This preview shows how the XYZ color 17.5975, 18.8576, 19.2354 looks on a white background.

Color Contrast Check

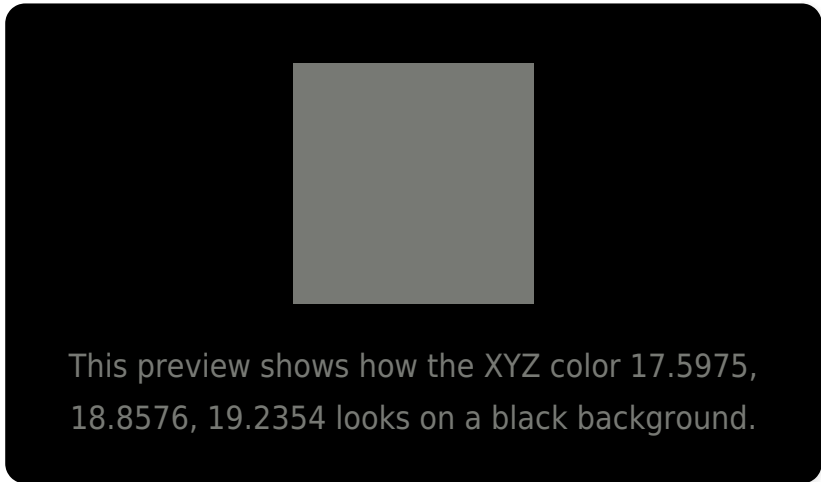
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

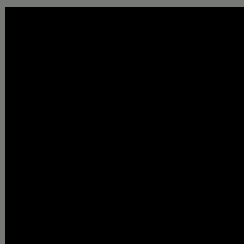
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

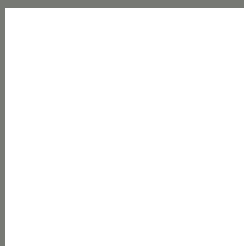
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5975, 18.8576, 19.2354

Background



This preview shows how black text looks on a background with the XYZ color 17.5975, 18.8576, 19.2354.



This preview shows how white text looks on a background with the XYZ color 17.5975, 18.8576,

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

17.5975, 18.8576, 19.2354

Protanopia

17.9794, 18.8817, 18.9166

Deuteranopia

19.1291, 18.7617, 19.4428



Tritanopia

18.4444, 18.8436, 23.4339

Trichromacy



Original Color

17.5975, 18.8576, 19.2354

Protanomaly

17.8370, 18.8083, 18.9099

Deuteranomaly

18.5914, 18.8304, 19.4844

Tritanomaly

18.1003, 18.8812, 21.7592

Monochromacy



Original Color

17.5975, 18.8576, 19.2354

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7920, 18.7579, 20.1357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5975, 18.8576, 19.2354 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(119, 121, 116)` looks like.

```
.text, #text, p{  
    color:rgb(119, 121, 116)  
}
```

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(119, 121, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 121, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.5975, 18.8576, 19.2354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

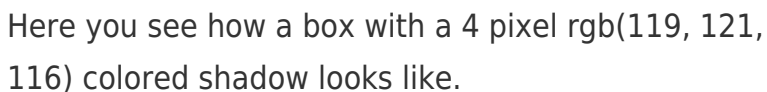
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 121, 116) }
```


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

```
.border{ border-color:rgb(119, 121, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 121, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 121, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 121, 116); box-shadow:4px 4px 4px 4px rgb(119, 121, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5975, 18.8576, 19.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 121, 116) }
```

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

```
.background{ background-color: rgb(119,  
121, 116) }
```

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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