

Converting Colors

XYZ(17.9780, 19.6075, 21.9971)

Have a look what the booklet for
XYZ(17.9780, 19.6075, 21.9971)
contains.

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Color

**XYZ(17.9160, 19.5154,
21.8914)**

Conversions

Conversions Part 1

Format	Color
Hex	737C7C
RGB	115, 124, 124
RGB Percent	45%, 49%, 49%
CMY	0.5490, 0.5137, 0.5137
CMYK	0.07, 0.00, 0.00, 0.51
HSL	180°, 4%, 47%
HSV	180°, 7%, 49%
XYZ	17.9160, 19.5154, 21.8914
YIQ	121.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

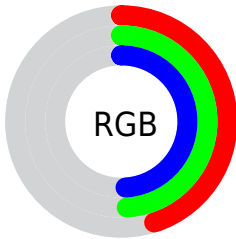
Format	Color
R_{YB}	115, 120, 124
Decimal	7568508
CIE _{Lab}	51.28, -3.34, -1.16
CIE _{LCh}	51, 3.531, 199.135
Yxy	19.5154, 0.3020, 0.3290
Android (android.graphics.Color)	4285758588 (0xFF737C7C)
YUV	121.3090, 1.3267, -5.5330
Hunter-Lab	44.1762, -4.9164, 1.5424

Details

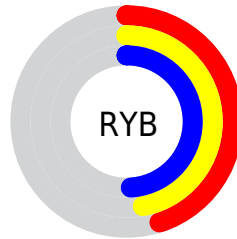
The XYZ color **17.9160, 19.5154, 21.8914** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5382, 17.7849, 18.7290**, and the grayscale version is **18.2715, 19.2230, 20.9339**.

A 20% lighter version of the original color is **39.2982, 42.4007, 47.1872**, and **6.1008, 6.7334, 7.6347** is the 20% darker color. If you saturate the color by 10%, you get **16.3938, 18.7313, 21.8197**, and if you desaturate by 10%, it is **19.6587, 20.4143, 21.9742**.

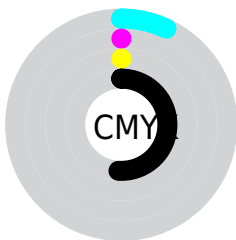
Distribution



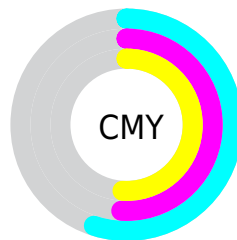
- Red (45%)
- Green (49%)
- Blue (49%)



- Red (45%)
- Yellow (47%)
- Blue (49%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9160, 19.5154, 21.8914 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 17.9160, 19.5154, 21.8914 by changing the saturation by 10% instead.

■ 17.9160, 19.5154,
21.8914

■ 17.9160, 19.5154,
21.8914

233.4519,
249.2795, 274.9136

■ 10.9890, 12.0433,
13.5796

■ 39.4253, 42.6032,
47.4663

■ 6.1267, 6.7732,
7.6934

■ 54.7384, 58.9877,
65.5665

■ 2.9637, 3.3206,
3.8145

■ 73.5776, 79.1117,
87.7665

■ 1.1346, 1.3013,
1.5241

■ 96.3082, 103.3598,
114.4850

■ 0.0537, 0.1422,
0.2358

123.2955,
132.1162, 146.1404

■ 0.0000, 0.0000,
0.0000

154.9050,

165.7653, 183.1512

191.5020,
204.6916, 225.9361

■ 17.9160, 19.5154,
21.8914

■ 17.9160, 19.5154,
21.8914

■ 16.3938, 18.7313,
21.8197

■ 19.6587, 20.4143,
21.9742

■ 15.0818, 18.0549,
21.7574

■ 21.6283, 21.4297,
22.0673

■ 13.9712, 17.4824,
21.7046

■ 23.8334, 22.5664,
22.1714

■ 13.0520, 17.0086,
21.6607

■ 26.2813, 23.8283,
22.2868

■ 12.3135, 16.6278,
21.6252

■ 28.9791, 25.2191,
22.4140

■ 11.7437, 16.3341,
21.5977

■ 31.9335, 26.7421,
22.5531

■ 11.3293, 16.1205,
21.5774

■ 35.1513, 28.4009,
22.7046

■ 11.0551, 15.9792,
21.5637

■ 38.6385, 30.1986,
22.8686

■ 10.8872, 15.8926,
21.5549

■ 42.4014, 32.1385,
23.0456

Harmonies

Analogous

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



17.8913, 19.5154, 20.8853



17.9160, 19.5154, 21.8914



18.1090, 19.5154, 22.7505

Triad

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



17.9160, 19.5154, 21.8914



19.0659, 19.5154, 22.5441



18.6768, 19.5154, 19.3996

Complementary

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



17.9160, 19.5154, 21.8914



17.5382, 17.7849, 18.7290

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.



18.9957, 19.5154, 19.8150



17.9160, 19.5154, 21.8914



19.2222, 19.5154, 21.6168

Square

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



17.9160, 19.5154, 21.8914



18.7718, 19.5154, 23.1355



19.1963, 19.5154, 20.6192



18.3276, 19.5154, 19.4679

Rectangle

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



17.9160, 19.5154, 21.8914



18.3085, 19.5154, 23.1143



19.1963, 19.5154, 20.6192



18.7912, 19.5154, 19.4868

Sweetspot

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



17.9166, 19.5162, 21.8918



33.0760, 35.1406, 38.5958



17.3927, 19.3090, 19.0303



7.8006, 8.2816, 9.0904



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.9166, 19.5162, 21.8918



30.9738, 34.0569, 38.4963



17.3834, 18.4496, 21.7147



4.1070, 4.5124, 5.0975



11.0240, 16.1333, 21.9093



52.5854, 76.9572, 104.5073

Inverse Universe

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



17.5382, 17.7849, 18.7290



30.1394, 30.2390, 31.5218



18.0460, 18.8007, 18.8978



3.9983, 4.0151, 4.1889



8.4503, 4.3563, 0.3962



40.3084, 20.7797, 1.8880

Previews

White Background



This preview shows how the XYZ color 17.9160, 19.5154, 21.8914 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 17.9160, 19.5154, 21.8914 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

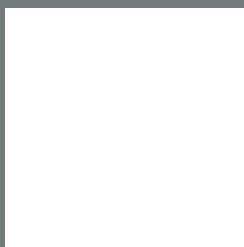
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9160, 19.5154, 21.8914

Background



This preview shows how black text looks on a background with the XYZ color 17.9160, 19.5154, 21.8914.



This preview shows how white text looks on a background with the XYZ color 17.9160, 19.5154,

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

17.9160, 19.5154, 21.8914

Protanopia

18.7247, 19.3899, 21.4946

Deuteranopia

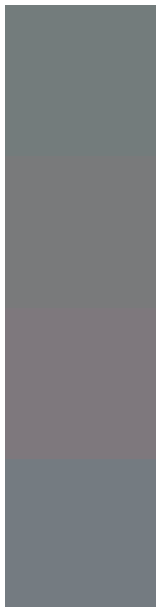
19.6958, 19.3431, 22.0975



Tritanopia

18.4503, 19.5449, 24.6299

Trichromacy



Original Color

17.9160, 19.5154, 21.8914

Protanomaly

18.4198, 19.4141, 21.5154

Deuteranomaly

19.0223, 19.3492, 22.1342

Tritanomaly

18.2479, 19.4639, 23.5640

Monochromacy



Original Color

17.9160, 19.5154, 21.8914

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0801, 19.2461, 21.1743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9160, 19.5154, 21.8914 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(115, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(115, 124, 124)  
}
```

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(115, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.9160, 19.5154, 21.8914 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(115, 124, 124) }
```


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

```
.border{ border-color:rgb(115, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(115, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9160, 19.5154, 21.8914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 124, 124) }
```

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

```
.background{ background-color: rgb(115,  
124, 124) }
```

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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