

Converting Colors

XYZ(17.5262, 19.8468, 19.0775)

Have a look what the booklet for
XYZ(17.5262, 19.8468, 19.0775)
contains.

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Color

**XYZ(17.4948, 19.7369,
19.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	727E73
RGB	114, 126, 115
RGB Percent	45%, 49%, 45%
CMY	0.5529, 0.5059, 0.5490
CMYK	0.10, 0.00, 0.09, 0.51
HSL	125°, 5%, 47%
HSV	125°, 10%, 49%
XYZ	17.4948, 19.7369, 19.1072
YIQ	121.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

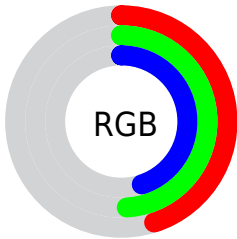
Format	Color
RYB	114, 125, 126
Decimal	7503475
CIELab	51.54, -6.69, 4.47
CIElCh	52, 8.051, 146.244
Yxy	19.7369, 0.3105, 0.3503
Android (android.graphics.Color)	4285693555 (0xFF727E73)
YUV	121.1580, -3.0359, -6.2776
Hunter-Lab	44.4262, -7.4536, 5.5984

Details

The XYZ color **17.4948, 19.7369, 19.1072** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3239, 17.9514, 21.9022**, and the grayscale version is **18.2358, 19.1855, 20.8930**.

A 20% lighter version of the original color is **38.8210, 43.1372, 42.8394**, and **5.9138, 6.8713, 6.3248** is the 20% darker color. If you saturate the color by 10%, you get **15.3439, 18.7007, 15.7518**, and if you desaturate by 10%, it is **19.9559, 20.9245, 22.9128**.

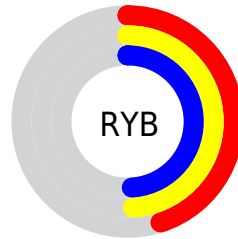
Distribution



Red (45%)

Green (49%)

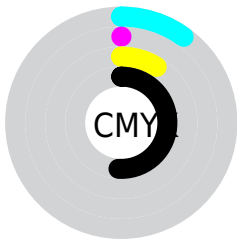
Blue (45%)



Red (45%)

Yellow (49%)

Blue (49%)

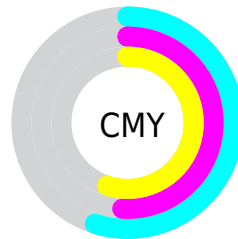


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4948, 19.7369, 19.1072 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 17.4948, 19.7369, 19.1072 by changing the saturation by 10% instead.

■ 17.4948, 19.7369,
19.1072

■ 17.4948, 19.7369,
19.1072

231.1089,
250.4872, 259.4823

■ 10.6854, 12.2039,
11.5702

■ 38.7114, 42.9756,
42.7543

■ 5.9214, 6.8827,
6.3328

■ 53.8494, 59.4502,
59.7014

■ 2.8376, 3.3889,
2.9764

■ 72.4942, 79.6741,
80.6223

■ 1.0685, 1.3380,
1.0826

■ 95.0112, 104.0317,
105.9355

■ 0.0000, 0.1703,
0.0000

121.7659,
132.9074, 136.0596

■ 0.0000, 0.0000,
0.0000

153.1235,

166.6857, 171.4131

189.4494,
205.7508, 212.4145

■ 17.4948, 19.7369,
19.1072

■ 17.4948, 19.7369,
19.1072

■ 15.3439, 18.7007,
15.7518

■ 19.9559, 20.9245,
22.9128

■ 13.4893, 17.8074,
12.8286

■ 22.7372, 22.2667,
27.1829

■ 11.9186, 17.0515,
10.3205

■ 25.8501, 23.7695,
31.9330

■ 10.6176, 16.4263,
8.2087

■ 29.3051, 25.4382,
37.1773

■ 9.5712, 15.9241,
6.4728

■ 33.1121, 27.2774,
42.9297

■ 8.7626, 15.5370,
5.0909

■ 37.2808, 29.2919,
49.2031

■ 8.1730, 15.2558,
4.0385

■ 41.8204, 31.4862,
56.0103

■ 7.7808, 15.0698,
3.2883

■ 46.7397, 33.8645,
63.3636

■ 7.5294, 14.9506,
2.8070

■ 52.0473, 36.4311,
71.2748

Harmonies

Analogous

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



18.0795, 19.7369, 17.7349



17.4948, 19.7369, 19.1072



17.2487, 19.7369, 21.1995

Triad

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



17.4948, 19.7369, 19.1072



18.6576, 19.7369, 26.2521



20.1903, 19.7369, 19.5786

Complementary

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



17.4948, 19.7369, 19.1072



18.3239, 17.9514, 21.9022

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.



20.3557, 19.7369, 21.7834



17.4948, 19.7369, 19.1072



19.4560, 19.7369, 25.7413

Square

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



17.4948, 19.7369, 19.1072



17.9077, 19.7369, 25.4133



20.0834, 19.7369, 24.0634



19.6375, 19.7369, 17.9930

Rectangle

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



17.4948, 19.7369, 19.1072



17.3043, 19.7369, 22.7613



20.0834, 19.7369, 24.0634



20.2937, 19.7369, 20.2672

Sweetspot

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



17.4953, 19.7377, 19.1076



33.5262, 36.0587, 37.8630



18.9856, 20.5126, 18.8786



7.5538, 8.1672, 8.5008



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.



17.4953, 19.7377, 19.1076



30.0999, 34.4063, 32.5532



17.8398, 19.8755, 20.9217



4.2895, 4.8241, 4.6956



7.7124, 15.3315, 2.8581



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.3239, 17.9514, 21.9022



31.8039, 30.7325, 38.3004



17.9639, 17.8074, 20.0067



4.4832, 4.4064, 5.3490



12.0306, 5.8319, 17.2829



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4948, 19.7369, 19.1072 looks on a white background.

Color Contrast Check

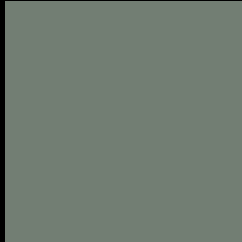
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4948, 19.7369, 19.1072 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

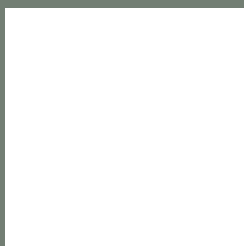
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4948, 19.7369, 19.1072

Background



This preview shows how black text looks on a background with the XYZ color 17.4948, 19.7369, 19.1072.



This preview shows how white text looks on a background with the XYZ color 17.4948, 19.7369,

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

17.4948, 19.7369, 19.1072

Protanopia

18.6926, 19.6233, 18.4253

Deuteranopia

20.0058, 19.5596, 19.5506



Tritanopia

18.6527, 19.6413, 24.9983

Trichromacy



Original Color

17.4948, 19.7369, 19.1072

Protanomaly

18.1463, 19.5184, 18.7306

Deuteranomaly

19.0430, 19.6028, 19.3030

Tritanomaly

18.1760, 19.6347, 22.5706

Monochromacy



Original Color

17.4948, 19.7369, 19.1072

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.8839, 19.3494, 20.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4948, 19.7369, 19.1072 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(114, 126, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 126, 115)  
}
```

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(114, 126, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 126, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.4948, 19.7369, 19.1072 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(114, 126, 115) }
```


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

```
.border{ border-color:rgb(114, 126, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 126, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 126, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 126, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 126,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4948, 19.7369, 19.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 126, 115) }
```

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

```
.background{ background-color: rgb(114,  
126, 115) }
```

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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