

Converting Colors

XYZ(21.5184, 17.3868, 19.0595)

Have a look what the booklet for
XYZ(21.5184, 17.3868, 19.0595)
contains.

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Color

**XYZ(21.5774, 17.3761,
19.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6375
RGB	157, 99, 117
RGB Percent	62%, 39%, 46%
CMY	0.3843, 0.6118, 0.5412
CMYK	0.00, 0.37, 0.25, 0.38
HSL	341°, 23%, 50%
HSV	341°, 37%, 62%
XYZ	21.5774, 17.3761, 19.0463
YIQ	118.3940, 28.7900, 17.8940

Conversions

Conversions Part 2

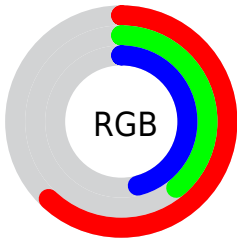
Format	Color
R_{YB}	157, 99, 117
Decimal	10314613
CIE Lab	48.73, 26.01, -0.25
CIE LCh	49, 26.007, 359.452
Yxy	17.3761, 0.3720, 0.2996
Android (android.graphics.Color)	4288504693 (0xFF9D6375)
YUV	118.3940, -0.6872, 33.8575
Hunter-Lab	41.6846, 19.4496, 2.0888

Details

The XYZ color **21.5774, 17.3761, 19.0463** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8636, 28.6312, 28.8016**, and the grayscale version is **17.3396, 18.2426, 19.8662**.

A 20% lighter version of the original color is **45.6686, 39.1439, 42.6847**, and **7.9669, 5.7404, 6.3183** is the 20% darker color. If you saturate the color by 10%, you get **19.6318, 14.4455, 15.4363**, and if you desaturate by 10%, it is **23.8868, 20.9162, 23.1413**.

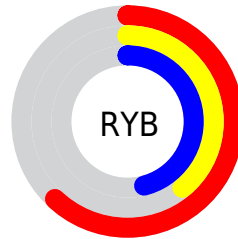
Distribution



Red (62%)

Green (39%)

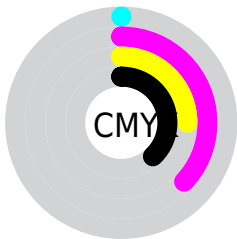
Blue (46%)



Red (62%)

Yellow (39%)

Blue (46%)

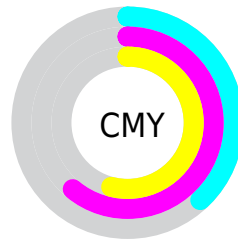


Cyan (0%)

Magenta (37%)

Yellow (25%)

Black (38%)



Cyan (38%)

Magenta (61%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5774, 17.3761, 19.0463 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 21.5774, 17.3761, 19.0463 by changing the saturation by 10% instead.


 21.5774, 17.3761,
19.0463


 21.5774, 17.3761,
19.0463

253.0054,
237.3305, 259.1355


 13.6616, 10.5030,
11.5266


 45.5306, 38.9713,
42.6501

 7.9658, 5.7337,
6.3036


 62.2987, 54.4622,
59.5712

 4.1247, 2.6838,
2.9588

 82.7482, 73.5945,
80.4632

 1.7729, 0.9690,
1.0736

 107.2446, 96.7525,
105.7446

 0.5013, 0.0000,
0.0000

136.1532,
124.3208, 135.8341

 0.0000, 0.0000,
0.0000

169.8392,

156.6836, 171.1500

208.6682,
194.2254, 212.1109

■ 21.5774, 17.3761,
19.0463

■ 21.5774, 17.3761,
19.0463

■ 19.6318, 14.4455,
15.4363

■ 23.8868, 20.9162,
23.1413

■ 18.0292, 12.0871,
12.2915

■ 26.5764, 25.0952,
27.7381

■ 16.7490, 10.2638,
9.5922

■ 29.6633, 29.9435,
32.8536


■ 15.7674, 8.9325,
7.3167


■ 33.1632, 35.4889,
38.5038


■ 15.0572, 8.0437,
5.4411


■ 37.0909, 41.7576,
44.7041


 14.5774, 7.5207,
3.9359

 41.4603, 48.7746,
51.4689

 14.4532, 7.3876,
3.5389

 46.2849, 56.5634,
58.8124

 51.5774, 65.1466,
66.7481

 57.3503, 74.5460,
75.2892

Harmonies

Analogous

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



20.8206, 17.3761, 26.4697



21.5774, 17.3761, 19.0463



20.8722, 17.3761, 13.1328

Triad

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



21.5774, 17.3761, 19.0463



14.3471, 17.3761, 9.5814



14.2776, 17.3761, 32.7493

Complementary

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



21.5774, 17.3761, 19.0463



21.8636, 28.6312, 28.8016

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.



12.8116, 17.3761, 26.1968



21.5774, 17.3761, 19.0463



12.8489, 17.3761, 12.9619

Square

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



21.5774, 17.3761, 19.0463



16.5596, 17.3761, 8.5362



12.3144, 17.3761, 18.7935



16.4714, 17.3761, 35.4669

Rectangle

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



21.5774, 17.3761, 19.0463



19.7033, 17.3761, 10.5438



12.3144, 17.3761, 18.7935



13.6914, 17.3761, 30.8547

Sweetspot

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



21.5779, 17.3769, 19.0466



50.6735, 49.7668, 54.8084



21.1347, 16.8163, 34.0306



10.9996, 10.7141, 11.8105



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.5779, 17.3769, 19.0466



35.8358, 26.8820, 28.9279



21.6939, 19.1427, 14.3568



6.7136, 6.6784, 7.3430



11.7536, 6.0060, 2.9535



0.2279, 0.1145, 0.1464

Inverse Universe

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



21.5779, 17.3769, 19.0466



35.8358, 26.8820, 28.9279



21.5676, 25.7586, 35.7338



6.7136, 6.6784, 7.3430



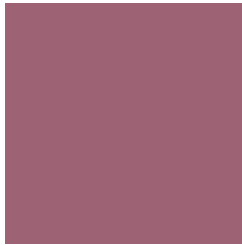
11.7536, 6.0060, 2.9535



0.2279, 0.1145, 0.1464

Previews

White Background



This preview shows how the XYZ color 21.5774, 17.3761, 19.0463 looks on a white background.

Color Contrast Check

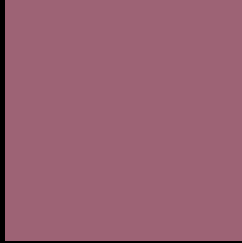
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5774, 17.3761, 19.0463 looks on a black 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

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

XYZ 21.5774, 17.3761, 19.0463

Background



This preview shows how black text looks on a background with the XYZ color 21.5774, 17.3761, 19.0463.



This preview shows how white text looks on a background with the XYZ color 21.5774, 17.3761,

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

21.5774, 17.3761, 19.0463

Protanopia

17.0317, 17.4386, 22.5470

Deuteranopia

17.7908, 17.4153, 18.6435



Tritanopia

21.0708, 17.4580, 16.4465

Trichromacy



Original Color

21.5774, 17.3761, 19.0463

Protanomaly

18.2497, 17.1132, 21.0802

Deuteranomaly

19.0575, 17.2653, 18.8511

Tritanomaly

21.1367, 17.3300, 17.2699

Monochromacy



Original Color

21.5774, 17.3761, 19.0463

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.4702, 17.5824, 19.5598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5774, 17.3761, 19.0463 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(157, 99, 117)` looks like.

```
.text, #text, p{  
    color:rgb(157, 99, 117)  
}
```

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(157, 99, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 99, 117) }
```

Border

The CSS property to change the border of an element to XYZ 21.5774, 17.3761, 19.0463 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(157, 99, 117) }
```


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

```
.border{ border-color:rgb(157, 99, 117) }
```

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

Here you see how a box with a 4 pixel rgb(157, 99, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 99, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 99, 117);  
box-shadow:4px 4px 4px 4px rgb(157, 99,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5774, 17.3761, 19.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 99, 117) }
```

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

```
.background{ background-color: rgb(157, 99,  
117) }
```

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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