

Converting Colors

XYZ(17.9098, 16.5744, 21.4633)

Have a look what the booklet for
XYZ(17.9098, 16.5744, 21.4633)
contains.

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Color

**XYZ(17.9490, 16.6378,
21.3342)**

Conversions

Conversions Part 1

Format	Color
Hex	816B7C
RGB	129, 107, 124
RGB Percent	51%, 42%, 49%
CMY	0.4941, 0.5804, 0.5137
CMYK	0.00, 0.17, 0.04, 0.49
HSL	314°, 9%, 46%
HSV	314°, 17%, 51%
XYZ	17.9490, 16.6378, 21.3342
YIQ	115.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

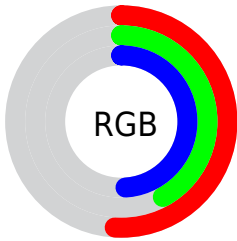
Format	Color
R_{YB}	129, 107, 124
Decimal	8481660
CIE _{Lab}	47.80, 11.86, -6.16
CIE _{LCh}	48, 13.364, 332.541
Yxy	16.6378, 0.3210, 0.2975
Android (android.graphics.Color)	4286671740 (0xFF816B7C)
YUV	115.5160, 4.1826, 11.8255
Hunter-Lab	40.7895, 7.1656, -2.4580

Details

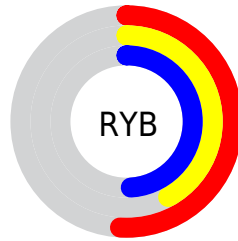
The XYZ color **17.9490, 16.6378, 21.3342** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8389, 19.9965, 18.3023**, and the grayscale version is **16.4390, 17.2951, 18.8344**.

A 20% lighter version of the original color is **39.4541, 37.5731, 46.7679**, and **6.1941, 5.4452, 7.3812** is the 20% darker color. If you saturate the color by 10%, you get **16.5206, 14.0731, 19.9570**, and if you desaturate by 10%, it is **19.5845, 19.6075, 22.8081**.

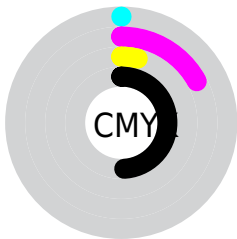
Distribution



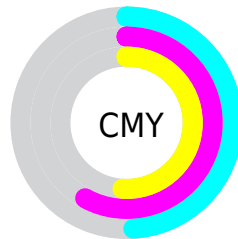
- Red (51%)
- Green (42%)
- Blue (49%)



- Red (51%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9490, 16.6378, 21.3342 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 17.9490, 16.6378, 21.3342 by changing the saturation by 10% instead.

■ 17.9490, 16.6378,
21.3342

■ 17.9490, 16.6378,
21.3342

233.6346,
233.0764, 271.8884

■ 11.0128, 9.9766,
13.1749

■ 39.4812, 37.7020,
46.5311

■ 6.1428, 5.3834,
7.4169

■ 54.8079, 52.8737,
64.4057

■ 2.9736, 2.4739,
3.6418

■ 73.6622, 71.6511,
86.3559

■ 1.1398, 0.8636,
1.4310

■ 96.4094, 94.4185,
112.8001

■ 0.0580, 0.0000,
0.1657

123.4149,
121.5604, 144.1569

■ 0.0000, 0.0000,
0.0000

155.0440,

153.4610, 180.8449

191.6621,
190.5049, 223.2826

■ 17.9490, 16.6378,
21.3342

■ 17.9490, 16.6378,
21.3342

■ 16.5206, 14.0731,
19.9570

■ 19.5845, 19.6075,
22.8081

■ 15.2890, 11.8936,
18.6721

■ 21.4341, 22.9965,
24.3805

■ 14.2451, 10.0807,
17.4766

■ 23.5061, 26.8215,
26.0548

■ 13.3786, 8.6140,
16.3666

■ 25.8080, 31.0972,
27.8336

■ 12.6779, 7.4705,
15.3383

■ 28.3469, 35.8378,
29.7195

■ 12.1304, 6.6249,
14.3869

■ 31.1297, 41.0568,
31.7150

■ 11.7214, 6.0478,
13.5075

■ 34.1628, 46.7674,
33.8225

■ 11.4213, 5.6804,
12.6900

■ 37.4525, 52.9819,
36.0443

■ 11.3381, 5.5811,
12.4555

■ 41.0050, 59.7124,
38.3827

Harmonies

Analogous

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



17.0866, 16.6378, 24.2716



17.9490, 16.6378, 21.3342



18.2306, 16.6378, 17.8246

Triad

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



17.9490, 16.6378, 21.3342



15.7117, 16.6378, 12.2876



13.9487, 16.6378, 21.9046

Complementary

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



17.9490, 16.6378, 21.3342



16.8389, 19.9965, 18.3023

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.



13.6205, 16.6378, 18.4100



17.9490, 16.6378, 21.3342



14.6057, 16.6378, 13.1001

Square

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



17.9490, 16.6378, 21.3342



16.9009, 16.6378, 12.8657



13.8549, 16.6378, 15.2384



14.7743, 16.6378, 24.6290

Rectangle

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



17.9490, 16.6378, 21.3342



18.0401, 16.6378, 15.7007



13.8549, 16.6378, 15.2384



13.7785, 16.6378, 20.7666

Sweetspot

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



17.9495, 16.6385, 21.3346



35.6818, 36.2270, 41.3749



15.8733, 15.5308, 22.9300



8.0343, 8.1229, 9.3285



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.9495, 16.6385, 21.3346



31.2284, 28.1463, 37.3434



17.3053, 16.3808, 17.9422



4.4577, 4.3962, 5.2145



11.0564, 5.4422, 12.1526



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.9495, 16.6385, 21.3346



31.2284, 28.1463, 37.3434



17.4747, 20.2508, 21.6505



4.4577, 4.3962, 5.2145



11.0564, 5.4422, 12.1526



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9490, 16.6378, 21.3342 looks on a white background.

Color Contrast Check

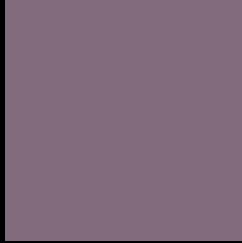
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9490, 16.6378, 21.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

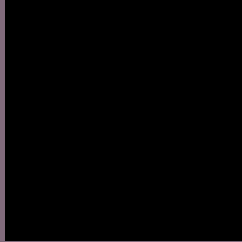
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9490, 16.6378, 21.3342

Background



This preview shows how black text looks on a background with the XYZ color 17.9490, 16.6378, 21.3342.



This preview shows how white text looks on a background with the XYZ color 17.9490, 16.6378,

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

17.9490, 16.6378, 21.3342

Protanopia

16.3570, 16.7483, 22.7927

Deuteranopia

16.8968, 16.5750, 21.0476



Tritanopia

17.4755, 16.5987, 19.1124

Trichromacy



Original Color

17.9490, 16.6378, 21.3342

Protanomaly

16.9864, 16.7527, 22.4170

Deuteranomaly

17.2122, 16.5783, 21.0316

Tritanomaly

17.6548, 16.6704, 20.0565

Monochromacy



Original Color

17.9490, 16.6378, 21.3342

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.1201, 17.2071, 19.8717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9490, 16.6378, 21.3342 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(129, 107, 124)` looks like.

```
.text, #text, p{  
    color:rgb(129, 107, 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(129, 107, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 107, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.9490, 16.6378, 21.3342 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(129, 107, 124) }
```


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

```
.border{ border-color:rgb(129, 107, 124) }
```

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

Here you see how a box with a 4 pixel rgb(129, 107, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 107, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 107, 124);  
box-shadow:4px 4px 4px 4px rgb(129, 107,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9490, 16.6378, 21.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 107, 124) }
```

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

```
.background{ background-color: rgb(129,  
107, 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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