

Converting Colors

XYZ(21.6674, 16.7760, 17.6802)

Have a look what the booklet for
XYZ(21.6674, 16.7760, 17.6802)
contains.

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Color

**XYZ(21.6813, 16.7747,
17.7179)**

Conversions

Conversions Part 1

Format	Color
Hex	A15E71
RGB	161, 94, 113
RGB Percent	63%, 37%, 44%
CMY	0.3686, 0.6314, 0.5569
CMYK	0.00, 0.42, 0.30, 0.37
HSL	343°, 26%, 50%
HSV	343°, 42%, 63%
XYZ	21.6813, 16.7747, 17.7179
YIQ	116.1990, 33.8330, 20.1130

Conversions

Conversions Part 2

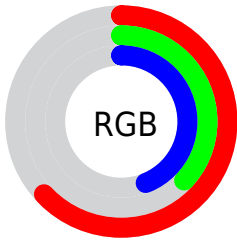
Format	Color
R_{YB}	161, 94, 113
Decimal	10575473
CIE _{Lab}	47.97, 29.75, 1.11
CIE _{LCh}	48, 29.772, 2.141
Yxy	16.7747, 0.3860, 0.2986
Android (android.graphics.Color)	4288765553 (0xFFA15E71)
YUV	116.1990, -1.5771, 39.2905
Hunter-Lab	40.9569, 22.8176, 3.0211

Details

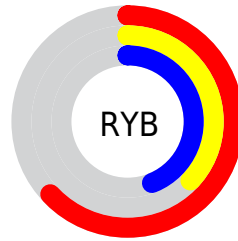
The XYZ color **21.6813, 16.7747, 17.7179** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2442, 29.8229, 30.1767**, and the grayscale version is **16.6593, 17.5269, 19.0868**.

A 20% lighter version of the original color is **45.6857, 38.0261, 40.5292**, and **7.9945, 5.4614, 5.6338** is the 20% darker color. If you saturate the color by 10%, you get **19.7875, 13.9610, 14.0837**, and if you desaturate by 10%, it is **23.9573, 20.2203, 21.8871**.

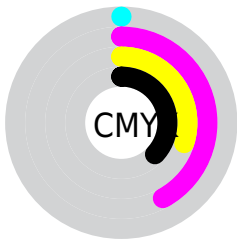
Distribution



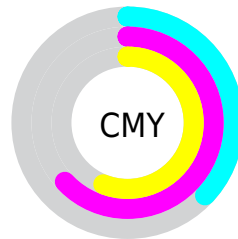
- Red (63%)
- Green (37%)
- Blue (44%)



- Red (63%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (30%)
- Black (37%)



- Cyan (37%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6813, 16.7747, 17.7179 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 21.6813, 16.7747, 17.7179 by changing the saturation by 10% instead.

■ 21.6813, 16.7747,
17.7179

■ 21.6813, 16.7747,
17.7179

253.5412,
233.8707, 251.4586

■ 13.7382, 10.0740,
10.5803

■ 45.7015, 37.9380,
40.3635

■ 8.0193, 5.4480,
5.6748

■ 62.5093, 53.1694,
56.7085

■ 4.1592, 2.5125,
2.5828

■ 83.0027, 72.0131,
76.9598

■ 1.7926, 0.8829,
0.8835

■ 107.5470, 94.8536,
101.5359

■ 0.5132, 0.0000,
0.0000

136.5077,
122.0752, 130.8552

■ 0.0000, 0.0000,
0.0000

170.2500,

154.0623, 165.3365

209.1394,
191.1993, 205.3981

■ 21.6813, 16.7747,
17.7179

■ 21.6813, 16.7747,
17.7179

■ 19.7875, 13.9610,
14.0837

■ 23.9573, 20.2203,
21.8871

■ 18.2525, 11.7381,
10.9611

■ 26.6340, 24.3307,
26.6114

■ 17.0529, 10.0638,
8.3261


■ 29.7305, 29.1394,
31.9110


■ 16.1613, 8.8893,
6.1524


■ 33.2642, 34.6771,
37.8049


■ 15.5459, 8.1570,
4.4106


■ 37.2515, 40.9723,
44.3111

 15.1843, 7.7716,
3.2486

 41.7079, 48.0525,
51.4468

 46.6483, 55.9432,
59.2285

 52.0868, 64.6693,
67.6722

 58.0369, 74.2543,
76.7932

Harmonies

Analogous

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



20.9592, 16.7747, 26.0846



21.6813, 16.7747, 17.7179



20.7286, 16.7747, 11.4723

Triad

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



21.6813, 16.7747, 17.7179



13.3513, 16.7747, 8.3856



13.6503, 16.7747, 34.7091

Complementary

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



21.6813, 16.7747, 17.7179



22.2442, 29.8229, 30.1767

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.



11.9586, 16.7747, 27.3170



21.6813, 16.7747, 17.7179



11.8001, 16.7747, 12.1885

Square

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



21.6813, 16.7747, 17.7179



15.7517, 16.7747, 7.1132



11.3200, 16.7747, 18.8228



16.1375, 16.7747, 37.3894

Rectangle

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



21.6813, 16.7747, 17.7179



19.3279, 16.7747, 8.8995



11.3200, 16.7747, 18.8228



12.9798, 16.7747, 32.6070

Sweetspot

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



21.6818, 16.7755, 17.7182



52.8824, 51.6212, 56.5378



21.4039, 16.2334, 35.7237



11.4450, 11.0830, 12.1406



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.6818, 16.7755, 17.7182



35.6453, 25.3083, 25.6318



22.0184, 18.9850, 13.0946



7.1525, 7.1175, 7.7895



12.1428, 6.2132, 2.6767



0.2744, 0.1382, 0.1576

Inverse Universe

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



21.6818, 16.7755, 17.7182



35.6453, 25.3083, 25.6318



21.5770, 26.0080, 37.6012



7.1525, 7.1175, 7.7895



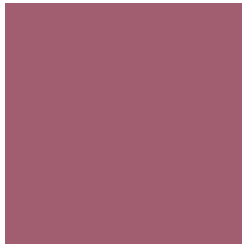
12.1428, 6.2132, 2.6767



0.2744, 0.1382, 0.1576

Previews

White Background



This preview shows how the XYZ color 21.6813, 16.7747, 17.7179 looks on a white background.

Color Contrast Check

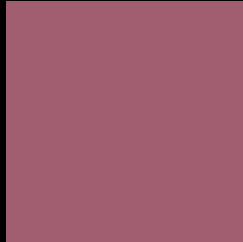
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6813, 16.7747, 17.7179 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 21.6813, 16.7747, 17.7179

Background



This preview shows how black text looks on a background with the XYZ color 21.6813, 16.7747, 17.7179.



This preview shows how white text looks on a background with the XYZ color 21.6813, 16.7747,

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

21.6813, 16.7747, 17.7179

Protanopia

16.5290, 17.0260, 21.8172

Deuteranopia

17.1428, 16.7897, 17.0891



Tritanopia

21.1283, 16.8186, 14.9647

Trichromacy



Original Color

21.6813, 16.7747, 17.7179

Protanomaly

17.9148, 16.6417, 20.3571

Deuteranomaly

18.4670, 16.5373, 17.2576

Tritanomaly

21.2433, 16.7195, 16.0175

Monochromacy



Original Color

21.6813, 16.7747, 17.7179

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9728, 16.8685, 18.5283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6813, 16.7747, 17.7179 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(161, 94, 113)` looks like.

```
.text, #text, p{  
    color:rgb(161, 94, 113)  
}
```

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(161, 94, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 94, 113) }
```

Border

The CSS property to change the border of an element to XYZ 21.6813, 16.7747, 17.7179 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(161, 94, 113) }
```


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

```
.border{ border-color:rgb(161, 94, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 94, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 94, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 94, 113);  
box-shadow:4px 4px 4px 4px rgb(161, 94,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6813, 16.7747, 17.7179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 94, 113) }
```

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

```
.background{ background-color: rgb(161, 94,  
113) }
```

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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