

Converting Colors

XYZ(21.5714, 16.7095, 17.0294)

Have a look what the booklet for
XYZ(21.5714, 16.7095, 17.0294)
contains.

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Color

**XYZ(21.5699, 16.7302,
17.1313)**

Conversions

Conversions Part 1

Format	Color
Hex	A15E6F
RGB	161, 94, 111
RGB Percent	63%, 37%, 44%
CMY	0.3686, 0.6314, 0.5647
CMYK	0.00, 0.42, 0.31, 0.37
HSL	345°, 26%, 50%
HSV	345°, 42%, 63%
XYZ	21.5699, 16.7302, 17.1313
YIQ	115.9710, 34.4750, 19.4910

Conversions

Conversions Part 2

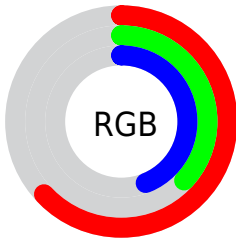
Format	Color
R_{YB}	161, 94, 111
Decimal	10575471
CIE _{Lab}	47.92, 29.47, 2.23
CIE _{LCh}	48, 29.556, 4.333
Yxy	16.7302, 0.3891, 0.3018
Android (android.graphics.Color)	4288765551 (0xFFA15E6F)
YUV	115.9710, -2.4507, 39.4904
Hunter-Lab	40.9026, 22.5522, 3.7993

Details

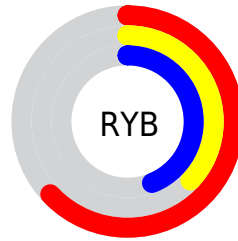
The XYZ color **21.5699, 16.7302, 17.1313** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.3958, 29.8835, 30.9749**, and the grayscale version is **16.5919, 17.4560, 19.0096**.

A 20% lighter version of the original color is **45.5050, 37.9538, 39.5778**, and **7.9376, 5.4387, 5.3340** is the 20% darker color. If you saturate the color by 10%, you get **19.6670, 13.9129, 13.4495**, and if you desaturate by 10%, it is **23.8614, 20.1820, 21.3821**.

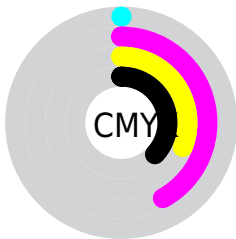
Distribution



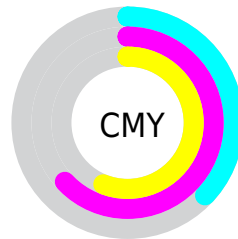
- Red (63%)
- Green (37%)
- Blue (44%)



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



- Cyan (0%)
- Magenta (42%)
- Yellow (31%)
- Black (37%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5699, 16.7302, 17.1313 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 21.5699, 16.7302, 17.1313 by changing the saturation by 10% instead.


 21.5699, 16.7302,
17.1313

 21.5699, 16.7302,
17.1313


252.9667,
233.6128, 247.9974


 13.6560, 10.0423,
10.1652


 45.5183, 37.8613,
39.3451

 7.9619, 5.4270,
5.4016

 62.2835, 53.0733,
55.4299

 4.1222, 2.4999,
2.4219

 82.7299, 71.8955,
75.3914

 1.7715, 0.8766,
0.7984

 107.2228, 94.7123,
99.6481

 0.5004, 0.0000,
0.0000

136.1275,
121.9080, 128.6184

 0.0000, 0.0000,
0.0000

169.8096,

153.8670, 162.7211

208.6341,
190.9738, 202.3746

■ 21.5699, 16.7302,
17.1313

■ 21.5699, 16.7302,
17.1313

■ 19.6670, 13.9129,
13.4495

■ 23.8614, 20.1820,
21.3821

■ 18.1290, 11.6887,
10.3109

■ 26.5604, 24.3013,
26.2242

■ 16.9319, 10.0154,
7.6891


■ 29.6865, 29.1219,
31.6797


■ 16.0478, 8.8439,
5.5548


■ 33.2575, 34.6745,
37.7696


■ 15.4443, 8.1163,
3.8756


■ 37.2899, 40.9878,
44.5135

 15.0955, 7.7361,
2.7812

 41.7997, 48.0893,
51.9303

 46.8021, 56.0049,
60.0383

 52.3113, 64.7593,
68.8547

 58.3414, 74.3762,
78.3965

Harmonies

Analogous

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



20.9746, 16.7302, 25.3307



21.5699, 16.7302, 17.1313



20.5130, 16.7302, 11.1374

Triad

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



21.5699, 16.7302, 17.1313



13.1863, 16.7302, 8.5959



13.7863, 16.7302, 34.8773

Complementary

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



21.5699, 16.7302, 17.1313



22.3958, 29.8835, 30.9749

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.



12.0389, 16.7302, 27.7961



21.5699, 16.7302, 17.1313



11.7205, 16.7302, 12.5769

Square

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



21.5699, 16.7302, 17.1313



15.5180, 16.7302, 7.1617



11.3250, 16.7302, 19.3463



16.2913, 16.7302, 37.0877

Rectangle

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



21.5699, 16.7302, 17.1313



19.0761, 16.7302, 8.7151



11.3250, 16.7302, 19.3463



13.1003, 16.7302, 32.9064

Sweetspot

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



21.5704, 16.7310, 17.1316



52.8001, 51.5883, 56.1042



21.7872, 16.4311, 35.7415



11.4255, 11.0752, 12.0375



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.



21.5704, 16.7310, 17.1316



35.4304, 25.2223, 24.4997



22.2554, 19.4590, 13.1737



7.1441, 7.1141, 7.7451



12.0708, 6.1844, 2.2974



0.2715, 0.1371, 0.1422

Inverse Universe

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



21.5704, 16.7310, 17.1316



35.4304, 25.2223, 24.4997



21.2313, 25.3165, 37.4859



7.1441, 7.1141, 7.7451



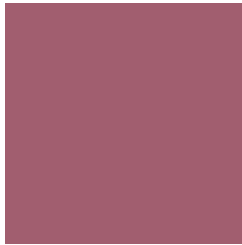
12.0708, 6.1844, 2.2974



0.2715, 0.1371, 0.1422

Previews

White Background



This preview shows how the XYZ color 21.5699, 16.7302, 17.1313 looks on a white background.

Color Contrast Check

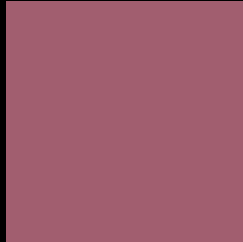
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5699, 16.7302, 17.1313 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 21.5699, 16.7302, 17.1313

Background



This preview shows how black text looks on a background with the XYZ color 21.5699, 16.7302, 17.1313.



This preview shows how white text looks on a background with the XYZ color 21.5699, 16.7302,

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

21.5699, 16.7302, 17.1313

Protanopia

16.3574, 16.7928, 20.7916

Deuteranopia

17.0351, 16.7466, 16.5219



Tritanopia

21.0376, 16.6373, 14.9345

Trichromacy



Original Color

21.5699, 16.7302, 17.1313

Protanomaly

17.7841, 16.4414, 19.3757

Deuteranomaly

18.3581, 16.4937, 16.6840

Tritanomaly

21.1909, 16.6986, 15.7419

Monochromacy



Original Color

21.5699, 16.7302, 17.1313

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9155, 16.8456, 18.2269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5699, 16.7302, 17.1313 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(161, 94, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 94, 111) }
```

Border

The CSS property to change the border of an element to XYZ 21.5699, 16.7302, 17.1313 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, 111) }
```


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

```
.border{ border-color:rgb(161, 94, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 94, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 94, 111);  
box-shadow:4px 4px 4px 4px rgb(161, 94,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5699, 16.7302, 17.1313 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, 111) }
```

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

```
.background{ background-color: rgb(161, 94,  
111) }
```

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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