

Converting Colors

XYZ(21.1673, 16.6349, 15.3466)

Have a look what the booklet for
XYZ(21.1673, 16.6349, 15.3466)
contains.

XYZ(21.1392, 16.6779, 15.4696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.1392, 16.6779,
15.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	A05F69
RGB	160, 95, 105
RGB Percent	63%, 37%, 41%
CMY	0.3725, 0.6274, 0.5882
CMYK	0.00, 0.41, 0.34, 0.37
HSL	351°, 25%, 50%
HSV	351°, 41%, 63%
XYZ	21.1392, 16.6779, 15.4696
YIQ	115.5750, 35.5300, 16.8900

Conversions

Conversions Part 2

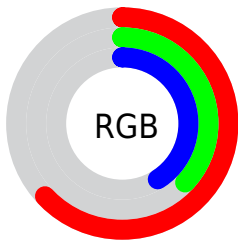
Format	Color
R_{YB}	160, 95, 105
Decimal	10510185
CIE _{Lab}	47.85, 27.72, 5.73
CIE _{LCh}	48, 28.301, 11.678
Yxy	16.6779, 0.3967, 0.3130
Android (android.graphics.Color)	4288700265 (0xFFA05F69)
YUV	115.5750, -5.2135, 38.9607
Hunter-Lab	40.8386, 20.9291, 6.1280

Details

The XYZ color **21.1392, 16.6779, 15.4696** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7959, 29.7769, 33.4017**, and the grayscale version is **16.4787, 17.3369, 18.8799**.

A 20% lighter version of the original color is **44.5985, 37.5570, 36.3511**, and **7.7241, 5.4027, 4.6387** is the 20% darker color. If you saturate the color by 10%, you get **19.2018, 13.8295, 11.6595**, and if you desaturate by 10%, it is **23.4843, 20.1643, 19.9626**.

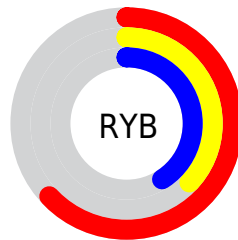
Distribution



Red (63%)

Green (37%)

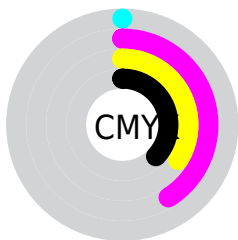
Blue (41%)



Red (63%)

Yellow (37%)

Blue (41%)

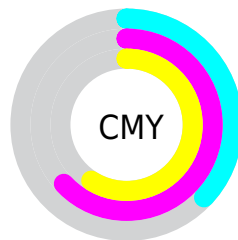


Cyan (0%)

Magenta (41%)

Yellow (34%)

Black (37%)



Cyan (37%)


Magenta (63%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.1392, 16.6779, 15.4696 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 21.1392, 16.6779, 15.4696 by changing the saturation by 10% instead.


 21.1392, 16.6779,
15.4696


 21.1392, 16.6779,
15.4696


250.7351,
233.3093, 237.9291


 13.3388, 10.0051,
8.9994


 44.8086, 37.7711,
36.4288


 7.7409, 5.4023,
4.6439

 61.4084, 52.9604,
51.7548

 3.9800, 2.4852,
1.9849

 81.6720, 71.7572,
70.8699

 1.6908, 0.8692,
0.5459

 105.9648, 94.5461,
94.1925

 0.4505, 0.0000,
0.0000

134.6521,
121.7113, 122.1412

 0.0000, 0.0000,
0.0000

168.0994,

153.6373, 155.1345

206.6719,
190.7085, 193.5909

■ 21.1392, 16.6779,
15.4696

■ 21.1392, 16.6779,
15.4696

■ 19.2018, 13.8295,
11.6595

■ 23.4843, 20.1643,
19.9626

■ 17.6473, 11.5780,
8.4978

■ 26.2574, 24.3216,
25.1688

■ 16.4503, 9.8815,
5.9481


■ 29.4790, 29.1833,
31.1179


■ 15.5814, 8.6914,
3.9703


■ 33.1678, 34.7800,
37.8377


■ 15.0068, 7.9509,
2.5192


■ 37.3415, 41.1406,
45.3543

 14.6685, 7.5421,
1.5803

 42.0170, 48.2923,
53.6928

 47.2101, 56.2610,
62.8770

 52.9362, 65.0713,
72.9301

 59.2099, 74.7471,
83.8740

Harmonies

Analogous

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



20.9620, 16.6779, 22.9274



21.1392, 16.6779, 15.4696



19.7920, 16.6779, 10.3481

Triad

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



21.1392, 16.6779, 15.4696



12.8175, 16.6779, 9.5791



14.3637, 16.6779, 34.9629

Complementary

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



21.1392, 16.6779, 15.4696



22.7959, 29.7769, 33.4017

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.



12.4728, 16.6779, 29.1545



21.1392, 16.6779, 15.4696



11.6480, 16.6779, 14.1030

Square

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



21.1392, 16.6779, 15.4696



14.8825, 16.6779, 7.6074



11.5290, 16.6779, 21.1442



16.8624, 16.6779, 35.6171

Rectangle

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



21.1392, 16.6779, 15.4696



18.2869, 16.6779, 8.4104



11.5290, 16.6779, 21.1442



13.6432, 16.6779, 33.4883

Sweetspot

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



21.1396, 16.6787, 15.4699



52.5277, 51.4793, 54.6699



22.8628, 17.1286, 35.3589



11.3608, 11.0493, 11.6968



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.



21.1396, 16.6787, 15.4699



35.0808, 25.4256, 21.6010



22.8858, 20.9456, 13.6642



6.6726, 6.6620, 7.1270



11.4376, 5.8796, 1.2892



0.2148, 0.1093, 0.0773

Inverse Universe

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



21.1396, 16.6787, 15.4699



35.0808, 25.4256, 21.6010



20.2015, 23.2444, 36.6796



6.6726, 6.6620, 7.1270



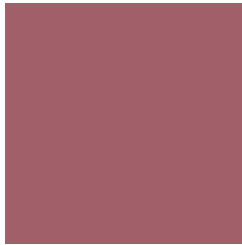
11.4376, 5.8796, 1.2892



0.2148, 0.1093, 0.0773

Previews

White Background



This preview shows how the XYZ color 21.1392, 16.6779, 15.4696 looks on a white background.

Color Contrast Check

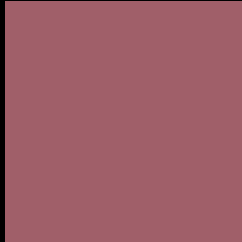
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1392, 16.6779, 15.4696 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 21.1392, 16.6779, 15.4696

Background



This preview shows how black text looks on a background with the XYZ color 21.1392, 16.6779, 15.4696.



This preview shows how white text looks on a background with the XYZ color 21.1392, 16.6779,

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

21.1392, 16.6779, 15.4696

Protanopia

16.2021, 16.7611, 18.6009

Deuteranopia

17.0275, 16.7783, 14.9115



Tritanopia

20.9877, 16.6173, 14.6717

Trichromacy



Original Color

21.1392, 16.6779, 15.4696

Protanomaly

17.5390, 16.3613, 17.2726

Deuteranomaly

18.3150, 16.6579, 15.0820

Tritanomaly

21.0376, 16.6373, 14.9345

Monochromacy



Original Color

21.1392, 16.6779, 15.4696

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.8029, 16.8005, 17.6337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1392, 16.6779, 15.4696 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(160, 95, 105)` looks like.

```
.text, #text, p{  
    color:rgb(160, 95, 105)  
}
```

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(160, 95, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 95, 105) }
```

Border

The CSS property to change the border of an element to XYZ 21.1392, 16.6779, 15.4696 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(160, 95, 105) }
```


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

```
.border{ border-color:rgb(160, 95, 105) }
```

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

Here you see how a box with a 4 pixel rgb(160, 95, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 95, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 95, 105);  
box-shadow:4px 4px 4px 4px rgb(160, 95,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1392, 16.6779, 15.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 95, 105) }
```

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

```
.background{ background-color: rgb(160, 95,  
105) }
```

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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