

Converting Colors

XYZ(21.4042, 16.9512, 17.6706)

Have a look what the booklet for
XYZ(21.4042, 16.9512, 17.6706)
contains.

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Color

**XYZ(21.4616, 16.9289,
17.7592)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6071
RGB	159, 96, 113
RGB Percent	62%, 38%, 44%
CMY	0.3765, 0.6235, 0.5569
CMYK	0.00, 0.40, 0.29, 0.38
HSL	344°, 25%, 50%
HSV	344°, 40%, 62%
XYZ	21.4616, 16.9289, 17.7592
YIQ	116.7750, 32.0910, 18.6430

Conversions

Conversions Part 2

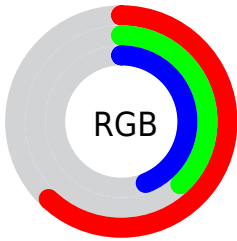
Format	Color
R_{YB}	159, 96, 113
Decimal	10444913
CIE _{Lab}	48.17, 27.87, 1.36
CIE _{LCh}	48, 27.907, 2.802
Yxy	16.9289, 0.3822, 0.3015
Android (android.graphics.Color)	4288634993 (0xFF9F6071)
YUV	116.7750, -1.8611, 37.0313
Hunter-Lab	41.1447, 21.1045, 3.2101

Details

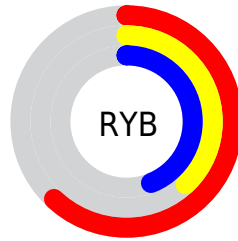
The XYZ color **21.4616, 16.9289, 17.7592** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1053, 29.2366, 30.0709**, and the grayscale version is **16.8379, 17.7148, 19.2914**.

A 20% lighter version of the original color is **45.4058, 38.3435, 40.6052**, and **7.9549, 5.5597, 5.6549** is the 20% darker color. If you saturate the color by 10%, you get **19.5426, 14.0708, 14.0984**, and if you desaturate by 10%, it is **23.7586, 20.4089, 21.9590**.

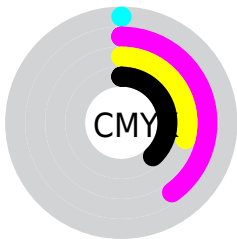
Distribution



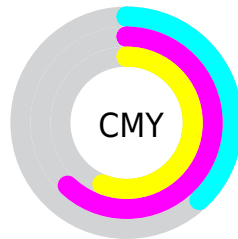
- Red (62%)
- Green (38%)
- Blue (44%)



- Red (62%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (29%)
- Black (38%)





- Cyan (38%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.4616, 16.9289, 17.7592 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 21.4616, 16.9289, 17.7592 by changing the saturation by 10% instead.


 21.4616, 16.9289,
17.7592


 21.4616, 16.9289,
17.7592


252.4071,
234.7623, 251.7006


 13.5762, 10.1838,
10.6096


 45.3400, 38.2035,
40.4350


 7.9062, 5.5210,
5.6941


 62.0638, 53.5018,
56.7982

 4.0863, 2.5561,
2.5942

 82.4643, 72.4199,
77.0697

 1.7511, 0.9046,
0.8895

 106.9071, 95.3423,
101.6681

 0.4879, 0.0000,
0.0000

135.7574,
122.6534, 131.0118

 0.0000, 0.0000,
0.0000

169.3806,

154.7375, 165.5194

208.1421,
191.9790, 205.6095

■ 21.4616, 16.9289,
17.7592

■ 21.4616, 16.9289,
17.7592

■ 19.5426, 14.0708,
14.0984

■ 23.7586, 20.4089,
21.9590

■ 17.9792, 11.7953,
10.9530

■ 26.4515, 24.5421,
26.7179

■ 16.7488, 10.0623,
8.2992


■ 29.5586, 29.3608,
32.0562


■ 15.8256, 8.8259,
6.1107

■ 33.0968, 34.8941,
37.9929


■ 15.1794, 8.0320,
4.3584


■ 37.0821, 41.1698,
44.5460


 14.7470, 7.5610,
3.0004

 41.5293, 48.2140,
51.7327

 14.7323, 7.5446,
2.9555

 46.4530, 56.0515,
59.5699

 51.8667, 64.7061,
68.0733

 57.7838, 74.2006,
77.2585

Harmonies

Analogous

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



20.8226, 16.9289, 25.5712



21.4616, 16.9289, 17.7592



20.5411, 16.9289, 11.8619

Triad

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



21.4616, 16.9289, 17.7592



13.5936, 16.9289, 9.0186



13.9654, 16.9289, 33.8301

Complementary

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



21.4616, 16.9289, 17.7592



22.1053, 29.2366, 30.0709

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.



12.3340, 16.9289, 27.0686



21.4616, 16.9289, 17.7592



12.1357, 16.9289, 12.7642

Square

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



21.4616, 16.9289, 17.7592



15.8535, 16.9289, 7.7162



11.6997, 16.9289, 19.1230



16.3297, 16.9289, 36.1689

Rectangle

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



21.4616, 16.9289, 17.7592



19.2181, 16.9289, 9.4050



11.6997, 16.9289, 19.1230



13.3219, 16.9289, 31.9250

Sweetspot

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



21.4621, 16.9297, 17.7595



51.4121, 50.2103, 54.8143



21.4516, 16.5457, 34.8641



11.4360, 11.0794, 12.0931



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.



21.4621, 16.9297, 17.7595



35.2206, 25.5265, 25.6818



21.9483, 19.2928, 13.6344



6.7029, 6.6741, 7.2867



11.6515, 5.9652, 2.4160



0.2245, 0.1131, 0.1285

Inverse Universe

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



21.4621, 16.9297, 17.7595



35.2206, 25.5265, 25.6818



21.2615, 25.3485, 36.5732



6.7029, 6.6741, 7.2867



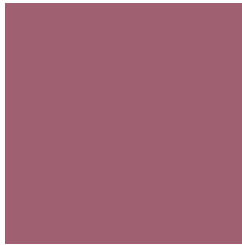
11.6515, 5.9652, 2.4160



0.2245, 0.1131, 0.1285

Previews

White Background



This preview shows how the XYZ color 21.4616, 16.9289, 17.7592 looks on a white background.

Color Contrast Check

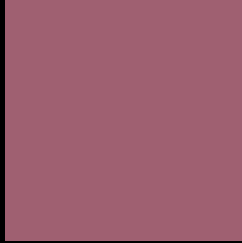
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4616, 16.9289, 17.7592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

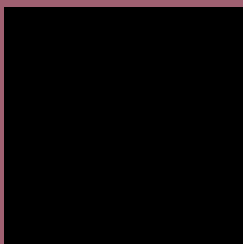
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.4616, 16.9289, 17.7592

Background



This preview shows how black text looks on a background with the XYZ color 21.4616, 16.9289, 17.7592.



This preview shows how white text looks on a background with the XYZ color 21.4616, 16.9289,

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

21.4616, 16.9289, 17.7592

Protanopia

16.5948, 17.0673, 21.4885

Deuteranopia

17.2513, 17.0067, 17.1252



Tritanopia

20.9250, 16.8384, 15.5119

Trichromacy



Original Color

21.4616, 16.9289, 17.7592

Protanomaly

17.8538, 16.6173, 20.0358

Deuteranomaly

18.6707, 16.9447, 17.3255

Tritanomaly

21.0820, 16.9012, 16.3385

Monochromacy



Original Color

21.4616, 16.9289, 17.7592

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.1367, 17.1038, 18.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4616, 16.9289, 17.7592 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(159, 96, 113)` looks like.

```
.text, #text, p{  
    color:rgb(159, 96, 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(159, 96, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 96, 113) }
```

Border

The CSS property to change the border of an element to XYZ 21.4616, 16.9289, 17.7592 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(159, 96, 113) }
```


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

```
.border{ border-color:rgb(159, 96, 113) }
```

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

Here you see how a box with a 4 pixel rgb(159, 96, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 96, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 96, 113);  
box-shadow:4px 4px 4px 4px rgb(159, 96,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4616, 16.9289, 17.7592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 96, 113) }
```

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

```
.background{ background-color: rgb(159, 96,  
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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