

Converting Colors

XYZ(17.9903, 16.6375, 22.3452)

Have a look what the booklet for
XYZ(17.9903, 16.6375, 22.3452)
contains.

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Color

**XYZ(17.9905, 16.6369,
22.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	806B7F
RGB	128, 107, 127
RGB Percent	50%, 42%, 50%
CMY	0.4980, 0.5804, 0.5020
CMYK	0.00, 0.16, 0.01, 0.50
HSL	303°, 9%, 46%
HSV	303°, 16%, 50%
XYZ	17.9905, 16.6369, 22.3417
YIQ	115.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

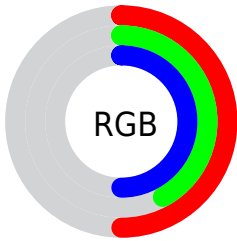
Format	Color
R_{YB}	128, 107, 127
Decimal	8416127
CIE _{Lab}	47.80, 12.08, -7.97
CIE _{LCh}	48, 14.473, 326.611
Yxy	16.6369, 0.3158, 0.2920
Android (android.graphics.Color)	4286606207 (0xFF806B7F)
YUV	115.5590, 5.6404, 10.9108
Hunter-Lab	40.7884, 7.3513, -3.9241

Details

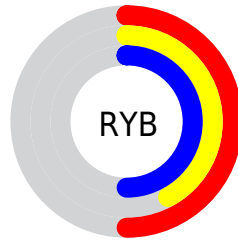
The XYZ color **17.9905, 16.6369, 22.3417** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4900, 19.6472, 17.1114**, and the grayscale version is **16.4481, 17.3047, 18.8448**.

A 20% lighter version of the original color is **39.5211, 37.5728, 48.3493**, and **6.2155, 5.4440, 7.9309** is the 20% darker color. If you saturate the color by 10%, you get **16.7141, 14.1473, 21.7211**, and if you desaturate by 10%, it is **19.4657, 19.5232, 23.0302**.

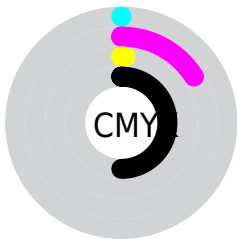
Distribution



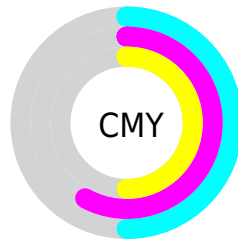
- Red (50%)
- Green (42%)
- Blue (50%)



- Red (50%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9905, 16.6369, 22.3417 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 17.9905, 16.6369, 22.3417 by changing the saturation by 10% instead.

■ 17.9905, 16.6369,
22.3417

■ 17.9905, 16.6369,
22.3417

233.8641,
233.0712, 277.3370

■ 11.0428, 9.9760,
13.9075

■ 39.5513, 37.7004,
48.2195

■ 6.1631, 5.3830,
7.9183

■ 54.8952, 52.8718,
66.5002

■ 2.9861, 2.4737,
3.9557

■ 73.7685, 71.6487,
88.9001

■ 1.1464, 0.8634,
1.6011

■ 96.5366, 94.4157,
115.8378

■ 0.0634, 0.0000,
0.2916

123.5649,
121.5570, 147.7318

■ 0.0000, 0.0000,
0.0000

155.2186,

153.4571, 185.0006

191.8633,
190.5003, 228.0629

■ 17.9905, 16.6369,
22.3417

■ 17.9905, 16.6369,
22.3417

■ 16.7141, 14.1473,
21.7211

■ 19.4657, 19.5232,
23.0302

■ 15.6265, 12.0349,
21.1643

■ 21.1462, 22.8202,
23.7881

■ 14.7186, 10.2819,
20.6687

■ 23.0404, 26.5440,
24.6185

■ 13.9806, 8.8680,
20.2308

■ 25.1554, 30.7091,
25.5236

■ 13.4013, 7.7713,
19.8470

■ 27.4982, 35.3294,
26.5059

■ 12.9683, 6.9668,
19.5132

■ 30.0754, 40.4180,
27.5675

■ 12.6675, 6.4262,
19.2246

■ 32.8933, 45.9879,
28.7105

■ 12.4727, 6.0974,
18.9725

■ 35.9582, 52.0510,
29.9371

■ 12.4092, 5.9920,
18.8844

■ 39.2757, 58.6193,
31.2491

Harmonies

Analogous

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



16.9578, 16.6369, 25.2894



17.9905, 16.6369, 22.3417



18.4385, 16.6369, 18.5408

Triad

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



17.9905, 16.6369, 22.3417



15.9609, 16.6369, 11.8732



13.6840, 16.6369, 21.5101

Complementary

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



17.9905, 16.6369, 22.3417



16.4900, 19.6472, 17.1114

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.



13.4491, 16.6369, 17.6953



17.9905, 16.6369, 22.3417



14.7207, 16.6369, 12.4443

Square

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



17.9905, 16.6369, 22.3417



17.2271, 16.6369, 12.7763



13.8185, 16.6369, 14.4577



14.4783, 16.6369, 24.7650

Rectangle

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



17.9905, 16.6369, 22.3417



18.3281, 16.6369, 16.1466



13.8185, 16.6369, 14.4577



13.5389, 16.6369, 20.2367

Sweetspot

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



17.9910, 16.6376, 22.3421



34.6328, 35.0803, 40.7130



15.3026, 15.2442, 22.5581



8.0696, 8.1370, 9.5142



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.



17.9910, 16.6376, 22.3421



30.7227, 27.4323, 38.8790



17.3594, 16.3850, 19.0163



4.4896, 4.4090, 5.3827



12.3046, 5.9415, 18.7258



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.9910, 16.6376, 22.3421



30.7227, 27.4323, 38.8790



17.0650, 19.8773, 20.1397



4.4896, 4.4090, 5.3827



12.3046, 5.9415, 18.7258



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9905, 16.6369, 22.3417 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 17.9905, 16.6369, 22.3417 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 17.9905, 16.6369, 22.3417

Background



This preview shows how black text looks on a background with the XYZ color 17.9905, 16.6369, 22.3417.



This preview shows how white text looks on a background with the XYZ color 17.9905, 16.6369,

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

17.9905, 16.6369, 22.3417

Protanopia

16.4323, 16.7639, 23.8424

Deuteranopia

17.0581, 16.7972, 22.0818



Tritanopia

17.4319, 16.7337, 19.1408

Trichromacy



Original Color

17.9905, 16.6369, 22.3417

Protanomaly

17.0498, 16.7625, 23.4560

Deuteranomaly

17.3679, 16.7958, 22.0652

Tritanomaly

17.5661, 16.6176, 20.3708

Monochromacy



Original Color

17.9905, 16.6369, 22.3417

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0410, 17.1594, 20.1832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9905, 16.6369, 22.3417 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(128, 107, 127)` looks like.

```
.text, #text, p{  
    color:rgb(128, 107, 127)  
}
```

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(128, 107, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 107, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.9905, 16.6369, 22.3417 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(128, 107, 127) }
```


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

```
.border{ border-color:rgb(128, 107, 127) }
```

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

Here you see how a box with a 4 pixel rgb(128, 107, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 107, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 107, 127);  
box-shadow:4px 4px 4px 4px rgb(128, 107,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9905, 16.6369, 22.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 107, 127) }
```

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

```
.background{ background-color: rgb(128,  
107, 127) }
```

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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