

Converting Colors

XYZ(17.6785, 14.4043, 22.0848)

Have a look what the booklet for
XYZ(17.6785, 14.4043, 22.0848)
contains.

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Color

**XYZ(17.6496, 14.3375,
21.9159)**

Conversions

Conversions Part 1

Format	Color
Hex	875C7F
RGB	135, 92, 127
RGB Percent	53%, 36%, 50%
CMY	0.4706, 0.6392, 0.5020
CMYK	0.00, 0.32, 0.06, 0.47
HSL	311°, 19%, 45%
HSV	311°, 32%, 53%
XYZ	17.6496, 14.3375, 21.9159
YIQ	108.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

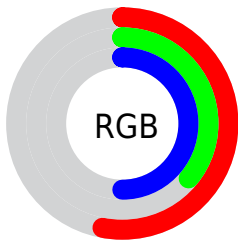
Format	Color
R_{YB}	135, 92, 127
Decimal	8871039
CIE _{Lab}	44.71, 23.56, -12.53
CIE _{LCh}	45, 26.687, 331.993
Yxy	14.3375, 0.3274, 0.2660
Android (android.graphics.Color)	4287061119 (0xFF875C7F)
YUV	108.8470, 8.9494, 22.9362
Hunter-Lab	37.8649, 16.9389, -7.8112

Details

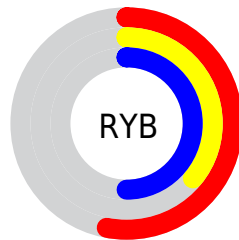
The XYZ color **17.6496, 14.3375, 21.9159** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.3784, 20.5238, 15.2084**, and the grayscale version is **14.4655, 15.2188, 16.5733**.

A 20% lighter version of the original color is **39.0469, 33.7590, 47.6382**, and **5.9697, 4.3116, 7.7253** is the 20% darker color. If you saturate the color by 10%, you get **16.4212, 12.1392, 20.7089**, and if you desaturate by 10%, it is **19.0914, 16.9556, 23.2145**.

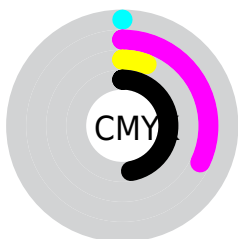
Distribution



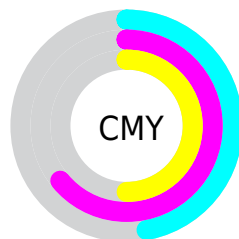
- Red (53%)
- Green (36%)
- Blue (50%)



- Red (53%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (6%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6496, 14.3375, 21.9159 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 17.6496, 14.3375, 21.9159 by changing the saturation by 10% instead.

■ 17.6496, 14.3375,
21.9159

■ 17.6496, 14.3375,
21.9159

231.9725,
219.3204, 275.0459

■ 10.7969, 8.3558,
13.5974

■ 38.9741, 33.6867,
47.5074

■ 5.9967, 4.3234,
7.7056

■ 54.1766, 47.8229,
65.6174

■ 2.8837, 1.8561,
3.8221

■ 72.8931, 65.4461,
87.8284

■ 1.0926, 0.5218,
1.5283

■ 95.4889, 86.9407,
114.5588

■ 0.0189, 0.0000,
0.2389

122.3294,
112.6910, 146.2272

■ 0.0000, 0.0000,
0.0000

153.7799,

143.0815, 183.2522

190.2058,
178.4965, 226.0522

■ 17.6496, 14.3375,
21.9159

■ 17.6496, 14.3375,
21.9159

■ 16.4212, 12.1392,
20.7089

■ 19.0914, 16.9556,
23.2145

■ 15.3937, 10.3365,
19.5887

■ 20.7556, 20.0120,
24.6073

■ 14.5555, 8.9059,
18.5515

■ 22.6521, 23.5266,
26.0980

■ 13.8932, 7.8206,
17.5926

■ 24.7900, 27.5173,
27.6898

■ 13.3914, 7.0501,
16.7067

■ 27.1779, 32.0013,
29.3855

■ 13.0322, 6.5587,
15.8878

■ 29.8239, 36.9947,
31.1882

■ 12.7999, 6.2742,
15.2548

■ 32.7358, 42.5129,
33.1004

■ 35.9209, 48.5709,
35.1248

■ 39.3864, 55.1828,
37.2640

Harmonies

Analogous

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



15.9577, 14.3375, 28.0850



17.6496, 14.3375, 21.9159



18.2330, 14.3375, 15.1995

Triad

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



17.6496, 14.3375, 21.9159



13.4829, 14.3375, 6.4605



10.3885, 14.3375, 22.8301

Complementary

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



17.6496, 14.3375, 21.9159



15.3784, 20.5238, 15.2084

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.



9.8710, 14.3375, 16.0301



17.6496, 14.3375, 21.9159



11.5357, 14.3375, 7.5164

Square

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



17.6496, 14.3375, 21.9159



15.6803, 14.3375, 7.2642



10.2680, 14.3375, 10.6488



11.7619, 14.3375, 28.7037

Rectangle

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



17.6496, 14.3375, 21.9159



17.8701, 14.3375, 11.5530



10.2680, 14.3375, 10.6488



10.1157, 14.3375, 20.5231

Sweetspot

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



17.6500, 14.3381, 21.9162



37.6922, 36.8039, 44.4884



13.4436, 12.1070, 24.5503



8.6376, 8.3544, 10.2294



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.6500, 14.3381, 21.9162



30.0280, 22.8432, 37.7169



16.4010, 13.8385, 15.3387



4.8217, 4.7484, 5.6735



11.8075, 5.7873, 14.0904



0.0433, 0.0210, 0.0614

Inverse Universe

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



17.6500, 14.3381, 21.9162



30.0280, 22.8432, 37.7169



16.5529, 20.9936, 21.3929



4.8217, 4.7484, 5.6735



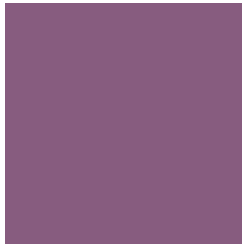
11.8075, 5.7873, 14.0904



0.0433, 0.0210, 0.0614

Previews

White Background



This preview shows how the XYZ color 17.6496, 14.3375, 21.9159 looks on a white background.

Color Contrast Check

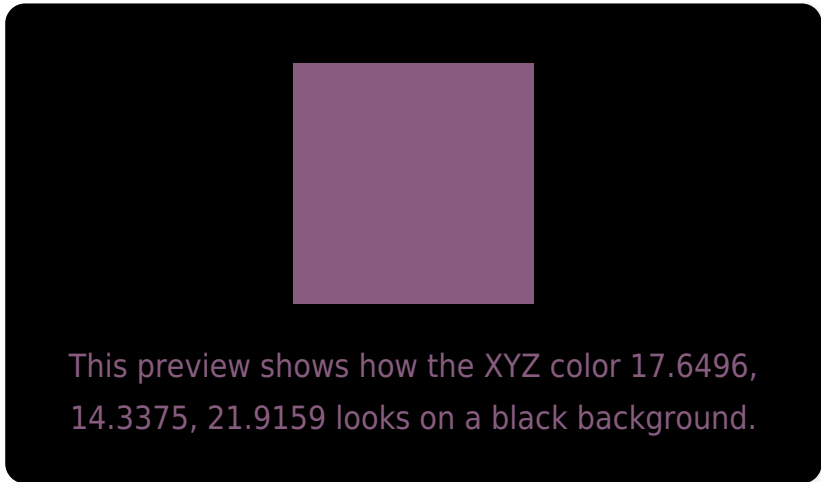
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.6496, 14.3375, 21.9159

Background



This preview shows how black text looks on a background with the XYZ color 17.6496, 14.3375, 21.9159.



This preview shows how white text looks on a background with the XYZ color 17.6496, 14.3375,

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

17.6496, 14.3375, 21.9159

Protanopia

14.5325, 14.4774, 25.3210

Deuteranopia

14.7154, 14.5071, 21.4266



Tritanopia

16.1973, 14.2708, 14.9975

Trichromacy



Original Color

17.6496, 14.3375, 21.9159

Protanomaly

15.3464, 14.1873, 24.1199

Deuteranomaly

15.6592, 14.4026, 21.6933

Tritanomaly

16.6897, 14.3408, 17.2176

Monochromacy



Original Color

17.6496, 14.3375, 21.9159

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4738, 14.8130, 18.5666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6496, 14.3375, 21.9159 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(135, 92, 127)` looks like.

```
.text, #text, p{  
    color:rgb(135, 92, 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(135, 92, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 92, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.6496, 14.3375, 21.9159 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(135, 92, 127) }
```


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

```
.border{ border-color:rgb(135, 92, 127) }
```

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

Here you see how a box with a 4 pixel rgb(135, 92, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 92, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 92, 127);  
box-shadow:4px 4px 4px 4px rgb(135, 92,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6496, 14.3375, 21.9159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 92, 127) }
```

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

```
.background{ background-color: rgb(135, 92,  
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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