

Converting Colors

XYZ(17.6985, 14.4136, 19.6188)

Have a look what the booklet for
XYZ(17.6985, 14.4136, 19.6188)
contains.

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Color

**XYZ(17.6985, 14.4136,
19.6186)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5C78
RGB	138, 92, 120
RGB Percent	54%, 36%, 47%
CMY	0.4588, 0.6392, 0.5294
CMYK	0.00, 0.33, 0.13, 0.46
HSL	323°, 20%, 45%
HSV	323°, 33%, 54%
XYZ	17.6985, 14.4136, 19.6186
YIQ	108.9460, 18.4280, 18.4600

Conversions

Conversions Part 2

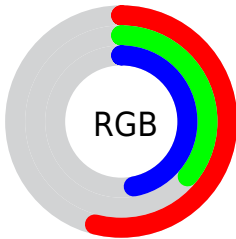
Format	Color
R_{YB}	138, 92, 120
Decimal	9067640
CIE _{Lab}	44.82, 23.36, -8.10
CIE _{LCh}	45, 24.727, 340.880
Yxy	14.4136, 0.3421, 0.2786
Android (android.graphics.Color)	4287257720 (0xFF8A5C78)
YUV	108.9460, 5.4496, 25.4804
Hunter-Lab	37.9652, 16.7733, -4.0625

Details

The XYZ color **17.6985, 14.4136, 19.6186** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.3171, 21.5784, 18.0578**, and the grayscale version is **14.5022, 15.2575, 16.6154**.

A 20% lighter version of the original color is **39.0071, 33.8299, 43.5037**, and **6.0386, 4.3709, 6.6563** is the 20% darker color. If you saturate the color by 10%, you get **16.2917, 12.1096, 17.5781**, and if you desaturate by 10%, it is **19.3424, 17.1618, 21.8297**.

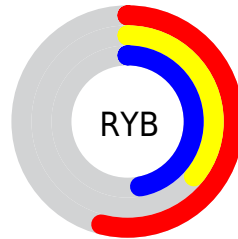
Distribution



Red (54%)

Green (36%)

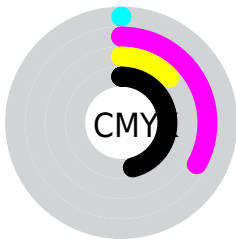
Blue (47%)



Red (54%)

Yellow (36%)

Blue (47%)

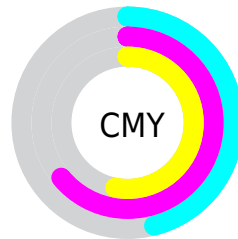


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (46%)



Cyan (46%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6985, 14.4136, 19.6186 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 17.6985, 14.4136, 19.6186 by changing the saturation by 10% instead.

■ 17.6985, 14.4136,
19.6186

■ 17.6985, 14.4136,
19.6186

232.2447,
219.7889, 262.3784

■ 10.8321, 8.4089,
11.9368

■ 39.0570, 33.8211,
43.6273

■ 6.0205, 4.3577,
6.5786

■ 54.2799, 47.9927,
60.7913

■ 2.8983, 1.8756,
3.1256

■ 73.0189, 65.6554,
81.9532

■ 1.1002, 0.5336,
1.1591

■ 95.6396, 87.1936,
107.5313

■ 0.0253, 0.0000,
0.0000

122.5071,
112.9916, 137.9444

■ 0.0000, 0.0000,
0.0000

153.9869,

143.4339, 173.6109

190.4443,
178.9049, 214.9494

■ 17.6985, 14.4136,
19.6186

■ 17.6985, 14.4136,
19.6186

■ 16.2917, 12.1096,
17.5781

■ 19.3424, 17.1618,
21.8297

■ 15.1086, 10.2242,
15.7017

■ 21.2334, 20.3744,
24.2157

■ 14.1364, 8.7318,
13.9838

■ 23.3824, 24.0724,
26.7817

■ 13.3603, 7.6036,
12.4179

■ 25.7993, 28.2751,
29.5326

■ 12.7635, 6.8065,
10.9968

■ 28.4934, 33.0009,
32.4726

■ 12.3261, 6.3010,
9.7122

■ 31.4736, 38.2670,
35.6063

■ 12.0814, 6.0434,
8.9167

■ 34.7483, 44.0900,
38.9375

■ 38.3257, 50.4856,
42.4704

■ 42.2136, 57.4691,
46.2088

Harmonies

Analogous

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



16.3966, 14.4136, 25.6737



17.6985, 14.4136, 19.6186



17.8701, 14.4136, 13.6903

Triad

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



17.6985, 14.4136, 19.6186



12.9810, 14.4136, 7.1212



10.9728, 14.4136, 24.1391

Complementary

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



17.6985, 14.4136, 19.6186



16.3171, 21.5784, 18.0578

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.



10.2346, 14.4136, 17.8841



17.6985, 14.4136, 19.6186



11.3160, 14.4136, 8.7074

Square

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



17.6985, 14.4136, 19.6186



15.0091, 14.4136, 7.3678



10.3537, 14.4136, 12.3311



12.4687, 14.4136, 28.6943

Rectangle

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



17.6985, 14.4136, 19.6186



17.3033, 14.4136, 10.6577



10.3537, 14.4136, 12.3311



10.6347, 14.4136, 22.1094

Sweetspot

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



17.6989, 14.4143, 19.6189



38.5587, 37.8518, 44.0597



14.8001, 12.7815, 25.7319



8.5488, 8.3189, 9.7617



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.



17.6989, 14.4143, 19.6189



29.2934, 22.2806, 31.8476



16.4837, 13.9282, 13.2195



5.1523, 5.0964, 5.8905



11.0842, 5.5438, 8.2136



0.0808, 0.0397, 0.0925

Inverse Universe

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



17.6989, 14.4143, 19.6189



29.2934, 22.2806, 31.8476



17.7109, 22.1359, 25.3972



5.1523, 5.0964, 5.8905



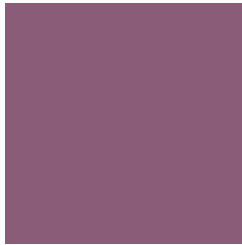
11.0842, 5.5438, 8.2136



0.0808, 0.0397, 0.0925

Previews

White Background



This preview shows how the XYZ color 17.6985, 14.4136, 19.6186 looks on a white background.

Color Contrast Check

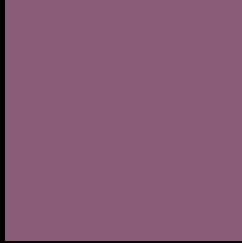
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6985, 14.4136, 19.6186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

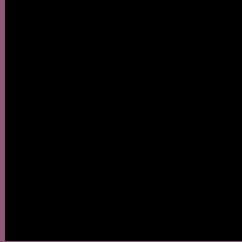
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6985, 14.4136, 19.6186

Background



This preview shows how black text looks on a background with the XYZ color 17.6985, 14.4136, 19.6186.



This preview shows how white text looks on a background with the XYZ color 17.6985, 14.4136,

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

17.6985, 14.4136, 19.6186

Protanopia

14.3809, 14.4548, 22.8010

Deuteranopia

14.6758, 14.3880, 19.1432



Tritanopia

16.6438, 14.3780, 14.4684

Trichromacy



Original Color

17.6985, 14.4136, 19.6186

Protanomaly

15.2625, 14.1981, 21.6748

Deuteranomaly

15.6768, 14.3205, 19.3906

Tritanomaly

17.0795, 14.4279, 16.3527

Monochromacy



Original Color

17.6985, 14.4136, 19.6186

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.5766, 14.8858, 17.6751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6985, 14.4136, 19.6186 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(138, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(138, 92, 120)  
}
```

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(138, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 92, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.6985, 14.4136, 19.6186 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(138, 92, 120) }
```


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

```
.border{ border-color:rgb(138, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(138, 92,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6985, 14.4136, 19.6186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 92, 120) }
```

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

```
.background{ background-color: rgb(138, 92,  
120) }
```

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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