

Converting Colors

XYZ(17.8624, 13.3434, 21.6492)

Have a look what the booklet for
XYZ(17.8624, 13.3434, 21.6492)
contains.

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Color

**XYZ(17.9085, 13.3815,
21.7177)**

Conversions

Conversions Part 1

Format	Color
Hex	8D537F
RGB	141, 83, 127
RGB Percent	55%, 33%, 50%
CMY	0.4471, 0.6745, 0.5020
CMYK	0.00, 0.41, 0.10, 0.45
HSL	314°, 26%, 44%
HSV	314°, 41%, 55%
XYZ	17.9085, 13.3815, 21.7177
YIQ	105.3580, 20.4440, 25.9800

Conversions

Conversions Part 2

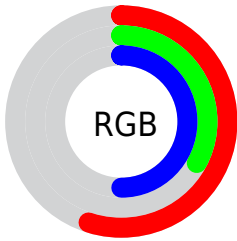
Format	Color
R_{YB}	141, 83, 127
Decimal	9261951
CIE _{Lab}	43.33, 30.90, -14.56
CIE _{LCh}	43, 34.158, 334.774
Yxy	13.3815, 0.3378, 0.2524
Android (android.graphics.Color)	4287452031 (0xFF8D537F)
YUV	105.3580, 10.6695, 31.2580
Hunter-Lab	36.5807, 23.3704, -9.5935

Details

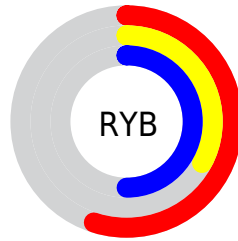
The XYZ color **17.9085, 13.3815, 21.7177** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.2504, 21.7522, 14.7049**, and the grayscale version is **13.4927, 14.1954, 15.4588**.

A 20% lighter version of the original color is **39.5283, 32.0812, 47.2889**, and **6.0960, 3.8760, 7.6346** is the 20% darker color. If you saturate the color by 10%, you get **16.7194, 11.3522, 20.2454**, and if you desaturate by 10%, it is **19.3253, 15.8539, 23.3032**.

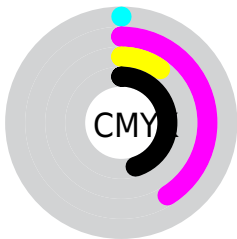
Distribution



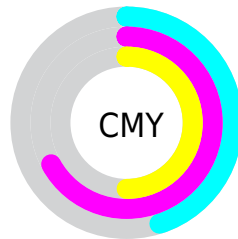
- Red (55%)
- Green (33%)
- Blue (50%)



- Red (55%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (10%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9085, 13.3815, 21.7177 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 17.9085, 13.3815, 21.7177 by changing the saturation by 10% instead.

■ 17.9085, 13.3815,
21.7177

■ 17.9085, 13.3815,
21.7177

233.4104,
213.3484, 273.9737

■ 10.9836, 7.6918,
13.4533

■ 39.4127, 31.9875,
47.1752

■ 6.1230, 3.8984,
7.6070

■ 54.7226, 45.6725,
65.2053

■ 2.9614, 1.6169,
3.7604

■ 73.5583, 62.7915,
87.3277

■ 1.1334, 0.3689,
1.4948

■ 96.2851, 83.7287,
113.9611

■ 0.0528, 0.0000,
0.2141

■ 123.2684,
108.8686, 145.5238

■ 0.0000, 0.0000,
0.0000

154.8734,

138.5956, 182.4344

191.4656,
173.2941, 225.1116

■ 17.9085, 13.3815,
21.7177

■ 17.9085, 13.3815,
21.7177

■ 16.7194, 11.3522,
20.2454

■ 19.3253, 15.8539,
23.3032

■ 15.7434, 9.7373,
18.8806

■ 20.9809, 18.7920,
25.0054

■ 14.9658, 8.5076,
17.6182

■ 22.8872, 22.2192,
26.8290

■ 14.3699, 7.6295,
16.4523

■ 25.0549, 26.1567,
28.7776

■ 13.9358, 7.0635,
15.3757

■ 27.4939, 30.6246,
30.8551

■ 13.6366, 6.7236,
14.4791

■ 30.2138, 35.6418,
33.0649

■ 33.2237, 41.2262,
35.4105

■ 36.5322, 47.3949,
37.8949

■ 40.1475, 54.1645,
40.5213

Harmonies

Analogous

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



15.8524, 13.3815, 30.1478



17.9085, 13.3815, 21.7177



18.5033, 13.3815, 13.3888

Triad

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



17.9085, 13.3815, 21.7177



12.2992, 13.3815, 4.3284



8.9751, 13.3815, 24.5806

Complementary

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



17.9085, 13.3815, 21.7177



15.2504, 21.7522, 14.7049

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.



8.2861, 13.3815, 15.8191



17.9085, 13.3815, 21.7177



10.0279, 13.3815, 5.5690

Square

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



17.9085, 13.3815, 21.7177



15.0167, 13.3815, 4.9534



8.6430, 13.3815, 9.1931



10.6680, 13.3815, 32.1637

Rectangle

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



17.9085, 13.3815, 21.7177



17.9298, 13.3815, 9.2699



8.6430, 13.3815, 9.1931



8.6299, 13.3815, 21.5821

Sweetspot

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



17.9089, 13.3821, 21.7180



40.5800, 39.0554, 47.6676



12.7817, 10.6261, 26.5769



8.9764, 8.5657, 10.5650



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.9089, 13.3821, 21.7180



30.1531, 20.6863, 36.5318



16.3049, 12.7405, 13.2716



5.5714, 5.4891, 6.5068



12.4403, 6.1331, 13.2357



0.1276, 0.0621, 0.1719

Inverse Universe

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



17.9089, 13.3821, 21.7180



30.1531, 20.6863, 36.5318



16.8285, 22.3834, 23.0151



5.5714, 5.4891, 6.5068



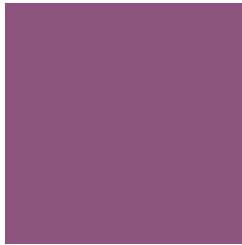
12.4403, 6.1331, 13.2357



0.1276, 0.0621, 0.1719

Previews

White Background



This preview shows how the XYZ color 17.9085, 13.3815, 21.7177 looks on a white background.

Color Contrast Check

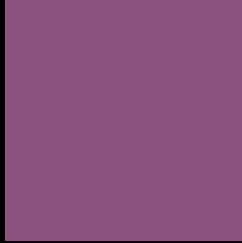
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9085, 13.3815, 21.7177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

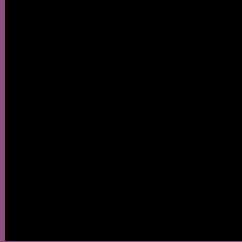
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9085, 13.3815, 21.7177

Background



This preview shows how black text looks on a background with the XYZ color 17.9085, 13.3815, 21.7177.



This preview shows how white text looks on a background with the XYZ color 17.9085, 13.3815,

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

17.9085, 13.3815, 21.7177

Protanopia

13.7017, 13.4250, 26.6801

Deuteranopia

13.7713, 13.5874, 20.9656



Tritanopia

16.0002, 13.3077, 12.7917

Trichromacy



Original Color

17.9085, 13.3815, 21.7177

Protanomaly

14.6826, 13.0059, 24.6582

Deuteranomaly

14.9068, 13.1991, 21.1640

Tritanomaly

16.5433, 13.2812, 15.6015

Monochromacy



Original Color

17.9085, 13.3815, 21.7177

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.7265, 13.5932, 17.4704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9085, 13.3815, 21.7177 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(141, 83, 127)` looks like.

```
.text, #text, p{  
    color:rgb(141, 83, 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(141, 83, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 83, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.9085, 13.3815, 21.7177 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(141, 83, 127) }
```


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

```
.border{ border-color:rgb(141, 83, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 83, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 83, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 83, 127);  
box-shadow:4px 4px 4px 4px rgb(141, 83,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9085, 13.3815, 21.7177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 83, 127) }
```

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

```
.background{ background-color: rgb(141, 83,  
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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