

Converting Colors

XYZ(18.0196, 13.4630, 27.8083)

Have a look what the booklet for
XYZ(18.0196, 13.4630, 27.8083)
contains.

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Color

**XYZ(17.9598, 13.3922,
27.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	86548F
RGB	134, 84, 143
RGB Percent	53%, 33%, 56%
CMY	0.4745, 0.6706, 0.4392
CMYK	0.06, 0.41, 0.00, 0.44
HSL	291°, 26%, 45%
HSV	291°, 41%, 56%
XYZ	17.9598, 13.3922, 27.6250
YIQ	105.6760, 10.8610, 28.9490

Conversions

Conversions Part 2

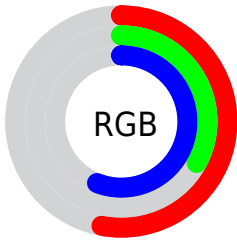
Format	Color
RYB	134, 84, 143
Decimal	8803471
CIELab	43.35, 31.11, -24.29
CIELCh	43, 39.465, 322.017
Yxy	13.3922, 0.3045, 0.2271
Android (android.graphics.Color)	4286993551 (0xFF86548F)
YUV	105.6760, 18.4007, 24.8401
Hunter-Lab	36.5954, 23.5601, -19.1399

Details

The XYZ color **17.9598, 13.3922, 27.6250** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.9374, 22.6125, 11.9129**, and the grayscale version is **13.5608, 14.2670, 15.5367**.

A 20% lighter version of the original color is **39.4811, 32.0505, 56.9288**, and **6.1299, 3.8735, 10.5498** is the 20% darker color. If you saturate the color by 10%, you get **16.6172, 11.2175, 27.2762**, and if you desaturate by 10%, it is **19.5371, 16.0250, 28.0502**.

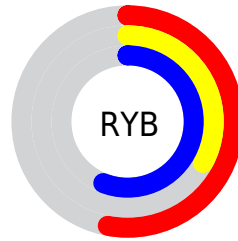
Distribution



Red (53%)

Green (33%)

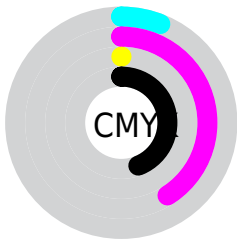
Blue (56%)



Red (53%)

Yellow (33%)

Blue (56%)

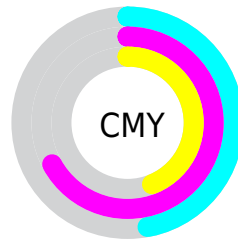


Cyan (6%)

Magenta (41%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9598, 13.3922, 27.6250 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 17.9598, 13.3922, 27.6250 by changing the saturation by 10% instead.

■ 17.9598, 13.3922,
27.6250

■ 17.9598, 13.3922,
27.6250

233.6943,
213.4162, 304.5260

■ 11.0206, 7.6992,
17.8066

■ 39.4994, 32.0066,
56.9011

■ 6.1481, 3.9031,
10.6432

■ 54.8306, 45.6968,
77.1958

■ 2.9769, 1.6195,
5.7163

■ 73.6899, 62.8215,
101.8197

■ 1.1415, 0.3707,
2.6074

■ 96.4425, 83.7650,
131.1913

■ 0.0594, 0.0000,
0.8963

■ 123.4539,
108.9119, 165.7293

■ 0.0000, 0.0000,
0.0000

155.0895,

138.6464, 205.8520

191.7145,
173.3531, 251.9781

■ 17.9598, 13.3922,
27.6250

■ 17.9598, 13.3922,
27.6250

■ 16.6172, 11.2175,
27.2762

■ 19.5371, 16.0250,
28.0502

■ 15.4940, 9.4713,
26.9984

■ 21.3605, 19.1395,
28.5553

■ 14.5751, 8.1234,
26.7866

■ 23.4422, 22.7599,
29.1444

■ 13.8432, 7.1388,
26.6351

■ 25.7933, 26.9083,
29.8212

■ 13.2775, 6.4764,
26.5371

■ 28.4241, 31.6052,
30.5891

■ 12.8694, 6.0617,
26.4786

■ 31.3445, 36.8704,
31.4515

■ 34.5638, 42.7223,
32.4114

■ 38.0910, 49.1788,
33.4717

■ 41.9345, 56.2569,
34.6353

Harmonies

Analogous

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



15.0676, 13.3922, 36.4828



17.9598, 13.3922, 27.6250



19.4997, 13.3922, 17.0528

Triad

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



17.9598, 13.3922, 27.6250



13.5647, 13.3922, 3.4426



8.0112, 13.3922, 21.8654

Complementary

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



17.9598, 13.3922, 27.6250



15.9374, 22.6125, 11.9129

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.



7.7407, 13.3922, 12.3619



17.9598, 13.3922, 27.6250



10.6457, 13.3922, 3.8665

Square

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



17.9598, 13.3922, 27.6250



16.7096, 13.3922, 4.9164



8.6272, 13.3922, 6.4680



9.4366, 13.3922, 32.3325

Rectangle

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



17.9598, 13.3922, 27.6250



19.4042, 13.3922, 11.3436



8.6272, 13.3922, 6.4680



7.7925, 13.3922, 18.3842

Sweetspot

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



17.9603, 13.3928, 27.6253



41.5880, 40.0710, 52.0806



12.6026, 11.8445, 27.6088



9.4362, 9.0129, 11.9145



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.9603, 13.3928, 27.6253



29.8026, 20.1587, 48.8583



18.0945, 13.6193, 20.5241



5.5466, 5.4700, 6.7922



11.3929, 5.3668, 23.4125



0.1231, 0.0586, 0.2245

Inverse Universe

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



16.4743, 12.9712, 11.9920



26.8753, 19.3671, 16.3070



15.9609, 22.5228, 16.5149



5.4403, 5.4367, 5.8169



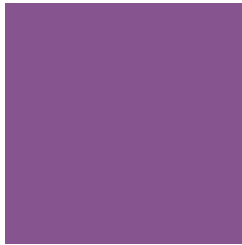
10.1476, 5.2161, 1.1629



0.1022, 0.0519, 0.0381

Previews

White Background



This preview shows how the XYZ color 17.9598, 13.3922, 27.6250 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 17.9598, 13.3922, 27.6250 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 17.9598, 13.3922, 27.6250

Background



This preview shows how black text looks on a background with the XYZ color 17.9598, 13.3922, 27.6250.



This preview shows how white text looks on a background with the XYZ color 17.9598, 13.3922,

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

17.9598, 13.3922, 27.6250

Protanopia

14.3068, 13.5807, 33.7656

Deuteranopia

13.8009, 13.4761, 26.6847



Tritanopia

15.1167, 13.3380, 13.8343

Trichromacy



Original Color

17.9598, 13.3922, 27.6250

Protanomaly

15.2392, 13.2762, 31.4651

Deuteranomaly

14.9633, 13.2333, 26.9649

Tritanomaly

16.0145, 13.3191, 18.2498

Monochromacy



Original Color

17.9598, 13.3922, 27.6250

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.8999, 13.7803, 19.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9598, 13.3922, 27.6250 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(134, 84, 143)` looks like.

```
.text, #text, p{  
    color:rgb(134, 84, 143)  
}
```

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(134, 84, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 84, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.9598, 13.3922, 27.6250 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(134, 84, 143) }
```


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

```
.border{ border-color:rgb(134, 84, 143) }
```

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

Here you see how a box with a 4 pixel rgb(134, 84, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 84, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 84, 143);  
box-shadow:4px 4px 4px 4px rgb(134, 84,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9598, 13.3922, 27.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 84, 143) }
```

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

```
.background{ background-color: rgb(134, 84,  
143) }
```

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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