

Converting Colors

XYZ(17.7255, 14.5524, 27.2105)

Have a look what the booklet for
XYZ(17.7255, 14.5524, 27.2105)
contains.

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Color

**XYZ(17.7125, 14.5177,
27.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	805E8D
RGB	128, 94, 141
RGB Percent	50%, 37%, 55%
CMY	0.4980, 0.6314, 0.4471
CMYK	0.09, 0.33, 0.00, 0.45
HSL	283°, 20%, 46%
HSV	283°, 33%, 55%
XYZ	17.7125, 14.5177, 27.0679
YIQ	109.5240, 5.1770, 21.8250

Conversions

Conversions Part 2

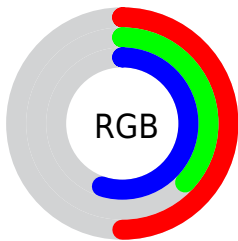
Format	Color
R_{YB}	128, 94, 141
Decimal	8412813
CIE _{Lab}	44.97, 22.81, -20.64
CIE _{LCh}	45, 30.762, 317.856
Yxy	14.5177, 0.2987, 0.2448
Android (android.graphics.Color)	4286602893 (0xFF805E8D)
YUV	109.5240, 15.5177, 16.2035
Hunter-Lab	38.1021, 16.3005, -15.4484

Details

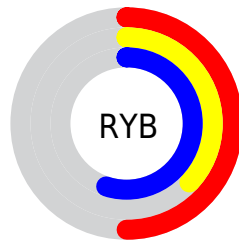
The XYZ color **17.7125, 14.5177, 27.0679** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.6091, 22.9840, 14.0986**, and the grayscale version is **14.6414, 15.4039, 16.7748**.

A 20% lighter version of the original color is **39.0318, 34.0147, 56.1381**, and **6.0467, 4.4081, 10.4297** is the 20% darker color. If you saturate the color by 10%, you get **15.9961, 11.9388, 26.6608**, and if you desaturate by 10%, it is **19.6815, 17.5675, 27.5530**.

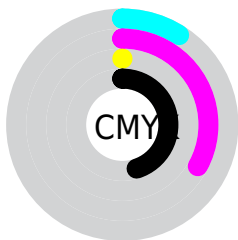
Distribution



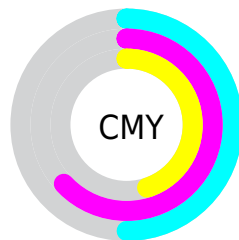
- Red (50%)
- Green (37%)
- Blue (55%)



- Red (50%)
- Yellow (37%)
- Blue (55%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (63%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7125, 14.5177, 27.0679 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 17.7125, 14.5177, 27.0679 by changing the saturation by 10% instead.

■ 17.7125, 14.5177,
27.0679

■ 17.7125, 14.5177,
27.0679

232.3226,
220.4281, 301.7563

■ 10.8422, 8.4816,
17.3913

■ 39.0808, 34.0048,
55.9979

■ 6.0273, 4.4046,
10.3490

■ 54.3094, 48.2247,
76.0884

■ 2.9025, 1.9024,
5.5223

■ 73.0549, 65.9412,
100.4872

■ 1.1024, 0.5498,
2.4928

■ 95.6827, 87.5388,
129.6130

■ 0.0271, 0.0000,
0.8364

122.5579,
113.4019, 163.8843

■ 0.0000, 0.0000,
0.0000

154.0461,

143.9149, 203.7196

190.5125,
179.4622, 249.5374

■ 17.7125, 14.5177,
27.0679

■ 17.7125, 14.5177,
27.0679

■ 15.9961, 11.9388,
26.6608

■ 19.6815, 17.5675,
27.5530

■ 14.5181, 9.8040,
26.3266

■ 21.9133, 21.1097,
28.1191

■ 13.2651, 8.0863,
26.0611

■ 24.4196, 25.1664,
28.7700

■ 12.2215, 6.7552,
25.8592

■ 27.2106, 29.7581,
29.5092

■ 11.3697, 5.7757,
25.7151

■ 30.2961, 34.9040,
30.3398

■ 10.6888, 5.1064,
25.6217

■ 33.6855, 40.6222,
31.2649

■ 10.2873, 4.7479,
25.5737

■ 37.3876, 46.9304,
32.2874

■ 41.4110, 53.8450,
33.4100

■ 45.7637, 61.3822,
34.6354

Harmonies

Analogous

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



15.3384, 14.5177, 33.0383



17.7125, 14.5177, 27.0679



19.0989, 14.5177, 18.9104

Triad

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



17.7125, 14.5177, 27.0679



14.8434, 14.5177, 5.7513



9.6810, 14.5177, 20.4559

Complementary

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



17.7125, 14.5177, 27.0679



17.6091, 22.9840, 14.0986

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.



9.5827, 14.5177, 13.0637



17.7125, 14.5177, 27.0679



12.3655, 14.5177, 5.9356

Square

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



17.7125, 14.5177, 27.0679



17.3123, 14.5177, 7.5886



10.5085, 14.5177, 8.2040



10.7958, 14.5177, 28.4917

Rectangle

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



17.7125, 14.5177, 27.0679



19.1772, 14.5177, 13.9853



10.5085, 14.5177, 8.2040



9.5334, 14.5177, 17.7810

Sweetspot

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



17.7130, 14.5183, 27.0682



40.5884, 39.9677, 50.7032



14.7152, 14.8850, 27.2970



8.9456, 8.7337, 11.2937



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.



17.7130, 14.5183, 27.0682



29.3661, 22.4472, 47.9129



19.0719, 15.3024, 23.3565



5.4828, 5.4371, 6.7893



9.3958, 4.3373, 23.3190



0.1112, 0.0525, 0.2239

Inverse Universe

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



17.6415, 14.7303, 15.8240



29.3258, 22.9519, 24.1705



16.6495, 22.4330, 16.5987



5.4664, 5.4471, 5.9539



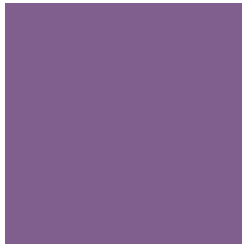
10.3558, 5.2993, 2.2589



0.1074, 0.0540, 0.0655

Previews

White Background



This preview shows how the XYZ color 17.7125, 14.5177, 27.0679 looks on a white background.

Color Contrast Check

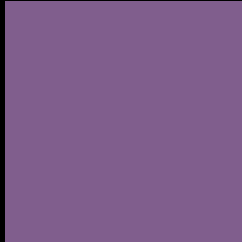
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7125, 14.5177, 27.0679 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 17.7125, 14.5177, 27.0679

Background



This preview shows how black text looks on a background with the XYZ color 17.7125, 14.5177, 27.0679.



This preview shows how white text looks on a background with the XYZ color 17.7125, 14.5177,

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

17.7125, 14.5177, 27.0679

Protanopia

15.0708, 14.6323, 30.8842

Deuteranopia

14.9673, 14.6766, 26.4701



Tritanopia

15.5288, 14.6010, 16.1872

Trichromacy



Original Color

17.7125, 14.5177, 27.0679

Protanomaly

15.8640, 14.4781, 29.5622

Deuteranomaly

15.8177, 14.5158, 26.7791

Tritanomaly

16.2153, 14.4514, 19.7041

Monochromacy



Original Color

17.7125, 14.5177, 27.0679

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.7376, 15.0630, 20.1671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7125, 14.5177, 27.0679 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, 94, 141)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 141)  
}
```

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, 94, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 141) }
```

Border

The CSS property to change the border of an element to XYZ 17.7125, 14.5177, 27.0679 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, 94, 141) }
```


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

```
.border{ border-color:rgb(128, 94, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 94, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 94, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 94, 141);  
box-shadow:4px 4px 4px 4px rgb(128, 94,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7125, 14.5177, 27.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 94, 141) }
```

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

```
.background{ background-color: rgb(128, 94,  
141) }
```

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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