

Converting Colors

XYZ(16.9405, 14.6206, 22.0983)

Have a look what the booklet for
XYZ(16.9405, 14.6206, 22.0983)
contains.

XYZ(17.0075, 14.6709, 22.0140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0075, 14.6709,
22.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	80617F
RGB	128, 97, 127
RGB Percent	50%, 38%, 50%
CMY	0.4980, 0.6196, 0.5020
CMYK	0.00, 0.24, 0.01, 0.50
HSL	302°, 14%, 44%
HSV	302°, 24%, 50%
XYZ	17.0075, 14.6709, 22.0140
YIQ	109.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

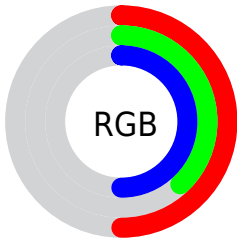
Format	Color
R_{YB}	128, 97, 127
Decimal	8413567
CIE _{Lab}	45.18, 18.05, -11.90
CIE _{LCh}	45, 21.618, 326.597
Yxy	14.6709, 0.3168, 0.2732
Android (android.graphics.Color)	4286603647 (0xFF80617F)
YUV	109.6890, 8.5343, 16.0587
Hunter-Lab	38.3026, 12.2297, -7.2644

Details

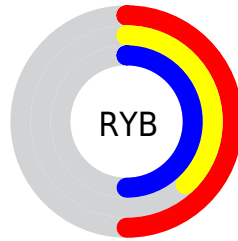
The XYZ color **17.0075, 14.6709, 22.0140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.8541, 18.8619, 14.4139**, and the grayscale version is **14.7070, 15.4729, 16.8499**.

A 20% lighter version of the original color is **37.8842, 34.2989, 47.8036**, and **5.6576, 4.4510, 7.7687** is the 20% darker color. If you saturate the color by 10%, you get **15.8922, 12.4830, 21.5099**, and if you desaturate by 10%, it is **18.3147, 17.2418, 22.5829**.

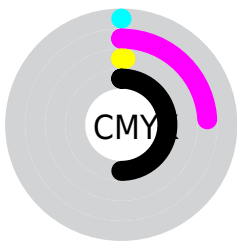
Distribution



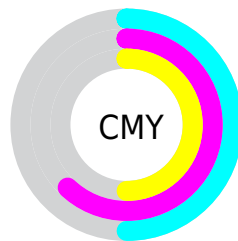
- Red (50%)
- Green (38%)
- Blue (50%)



- Red (50%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0075, 14.6709, 22.0140 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 17.0075, 14.6709, 22.0140 by changing the saturation by 10% instead.

■ 17.0075, 14.6709,
22.0140

■ 17.0075, 14.6709,
22.0140

228.3710,
221.3655, 275.5753

■ 10.3352, 8.5887,
13.6688

■ 37.8822, 34.2748,
47.6716

■ 5.6857, 4.4739,
7.7545

■ 52.8152, 48.5653,
65.8211

■ 2.6938, 1.9420,
3.8528

■ 71.2326, 66.3608,
88.0757

■ 0.9940, 0.5735,
1.5449

■ 93.4995, 88.0455,
114.8541

■ 0.0000, 0.0000,
0.2511

119.9815,
114.0040, 146.5747

■ 0.0000, 0.0000,
0.0000

151.0438,

144.6205, 183.6560

187.0519,
180.2796, 226.5167

■ 17.0075, 14.6709,
22.0140

■ 17.0075, 14.6709,
22.0140

■ 15.8922, 12.4830,
21.5099

■ 18.3147, 17.2418,
22.5829

■ 14.9583, 10.6580,
21.0666

■ 19.8209, 20.2109,
23.2186

■ 14.1963, 9.1767,
20.6812

■ 21.5346, 23.5948,
23.9240

■ 13.5955, 8.0175,
20.3500

■ 23.4634, 27.4087,
24.7016

■ 13.1437, 7.1561,
20.0691

■ 25.6144, 31.6669,
25.5539

■ 12.8272, 6.5652,
19.8338

■ 27.9946, 36.3832,
26.4831

■ 12.6276, 6.2080,
19.6380

■ 30.6104, 41.5707,
27.4914

■ 12.5321, 6.0412,
19.5316

■ 33.4683, 47.2420,
28.5809

■ 36.5742, 53.4091,
29.7536

Harmonies

Analogous

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



15.5366, 14.6709, 26.4638



17.0075, 14.6709, 22.0140



17.6553, 14.6709, 16.5642

Triad

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



17.0075, 14.6709, 22.0140



14.1488, 14.6709, 8.0390



11.0971, 14.6709, 20.7870

Complementary

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



17.0075, 14.6709, 22.0140



14.8541, 18.8619, 14.4139

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.



10.7935, 14.6709, 15.3982



17.0075, 14.6709, 22.0140



12.4646, 14.6709, 8.7031

Square

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



17.0075, 14.6709, 22.0140



15.9187, 14.6709, 9.0979



11.2728, 14.6709, 11.1543



12.1402, 14.6709, 25.6559

Rectangle

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



17.0075, 14.6709, 22.0140



17.4957, 14.6709, 13.3298



11.2728, 14.6709, 11.1543



10.9092, 14.6709, 18.9469

Sweetspot

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



17.0079, 14.6715, 22.0143



34.0793, 33.9702, 40.5376



13.1567, 12.6786, 22.1760



7.9504, 7.8972, 9.4790



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.0079, 14.6715, 22.0143



28.8335, 23.6498, 38.2616



16.1010, 14.3087, 17.2382



4.4924, 4.4101, 5.3972



12.4265, 5.9903, 19.3674



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0079, 14.6715, 22.0143



28.8335, 23.6498, 38.2616



15.6310, 19.1727, 18.5051



4.4924, 4.4101, 5.3972



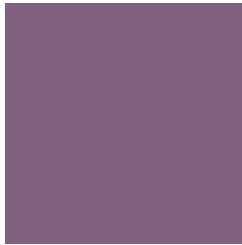
12.4265, 5.9903, 19.3674



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0075, 14.6709, 22.0140 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 17.0075, 14.6709, 22.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

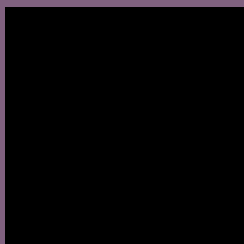
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0075, 14.6709, 22.0140

Background



This preview shows how black text looks on a background with the XYZ color 17.0075, 14.6709, 22.0140.



This preview shows how white text looks on a background with the XYZ color 17.0075, 14.6709,

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

17.0075, 14.6709, 22.0140

Protanopia

14.7545, 14.7682, 24.2632

Deuteranopia

15.1241, 14.8607, 21.8099



Tritanopia

15.7214, 14.5570, 16.1685

Trichromacy



Original Color

17.0075, 14.6709, 22.0140

Protanomaly

15.5025, 14.7187, 23.4966

Deuteranomaly

15.7197, 14.7221, 21.7518

Tritanomaly

16.1605, 14.5971, 18.1854

Monochromacy



Original Color

17.0075, 14.6709, 22.0140

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.5401, 15.1460, 18.6274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0075, 14.6709, 22.0140 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, 97, 127)` looks like.

```
.text, #text, p{  
    color:rgb(128, 97, 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(128, 97, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 97, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.0075, 14.6709, 22.0140 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, 97, 127) }
```


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

```
.border{ border-color:rgb(128, 97, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 97, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 97, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 97, 127);  
box-shadow:4px 4px 4px 4px rgb(128, 97,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0075, 14.6709, 22.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 97, 127) }
```

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

```
.background{ background-color: rgb(128, 97,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor