

Converting Colors

XYZ(17.7788, 16.6797, 21.5688)

Have a look what the booklet for
XYZ(17.7788, 16.6797, 21.5688)
contains.

XYZ(17.8166, 16.7178, 21.6899)	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(17.8166, 16.7178,
21.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6C7D
RGB	127, 108, 125
RGB Percent	50%, 42%, 49%
CMY	0.5020, 0.5765, 0.5098
CMYK	0.00, 0.15, 0.02, 0.50
HSL	306°, 8%, 46%
HSV	306°, 15%, 50%
XYZ	17.8166, 16.7178, 21.6899
YIQ	115.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

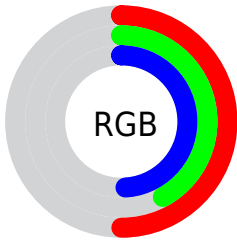
Format	Color
R_{YB}	127, 108, 125
Decimal	8350845
CIE Lab	47.90, 10.71, -6.63
CIE LCh	48, 12.597, 328.250
Yxy	16.7178, 0.3169, 0.2973
Android (android.graphics.Color)	4286540925 (0xFF7F6C7D)
YUV	115.6190, 4.6248, 9.9811
Hunter-Lab	40.8874, 6.2280, -2.8309

Details

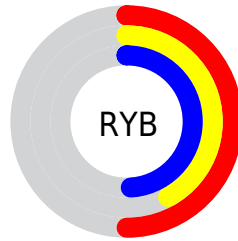
The XYZ color **17.8166, 16.7178, 21.6899** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5888, 19.4931, 17.6409**, and the grayscale version is **16.4694, 17.3271, 18.8692**.

A 20% lighter version of the original color is **39.2564, 37.7139, 47.3300**, and **6.1151, 5.4790, 7.5727** is the 20% darker color. If you saturate the color by 10%, you get **16.4889, 14.1979, 20.8290**, and if you desaturate by 10%, it is **19.3416, 19.6299, 22.6226**.

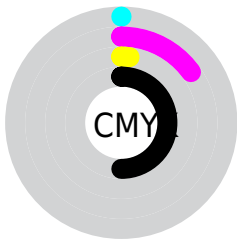
Distribution



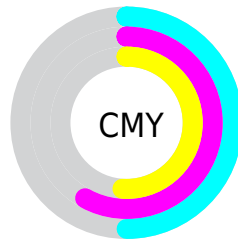
- Red (50%)
- Green (42%)
- Blue (49%)



- Red (50%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8166, 16.7178, 21.6899 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 17.8166, 16.7178, 21.6899 by changing the saturation by 10% instead.

■ 17.8166, 16.7178,
21.6899

■ 17.8166, 16.7178,
21.6899

232.9009,
233.5409, 273.8230

■ 10.9173, 10.0335,
13.4331

■ 39.2571, 37.8399,
47.1285

■ 6.0781, 5.4212,
7.5932

■ 54.5290, 53.0466,
65.1474

■ 2.9338, 2.4964,
3.7518

■ 73.3225, 71.8627,
87.2574

■ 1.1188, 0.8749,
1.4902

■ 96.0029, 94.6729,
113.8771

■ 0.0408, 0.0000,
0.2106

122.9356,
121.8614, 145.4249

■ 0.0000, 0.0000,
0.0000

154.4859,

153.8126, 182.3195

191.0192,
190.9110, 224.9794

■ 17.8166, 16.7178,
21.6899

■ 17.8166, 16.7178,
21.6899

■ 16.4889, 14.1979,
20.8290

■ 19.3416, 19.6299,
22.6226

■ 15.3486, 12.0513,
20.0360

■ 21.0702, 22.9477,
23.6288

■ 14.3872, 10.2605,
19.3082

■ 23.0105, 26.6870,
24.7112

■ 13.5948, 8.8061,
18.6425

■ 25.1695, 30.8618,
25.8722

■ 12.9609, 7.6667,
18.0351

■ 27.5540, 35.4857,
27.1142

■ 12.4734, 6.8184,
17.4821

■ 30.1704, 40.5717,
28.4392

■ 12.1187, 6.2340,
16.9789

■ 33.0250, 46.1320,
29.8494

■ 11.8767, 5.8729,
16.5187

■ 36.1236, 52.1786,
31.3468

■ 11.7688, 5.7186,
16.2936

■ 39.4721, 58.7231,
32.9334

Harmonies

Analogous

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



16.9441, 16.7178, 24.2752



17.8166, 16.7178, 21.6899



18.1699, 16.7178, 18.3942

Triad

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



17.8166, 16.7178, 21.6899



15.9564, 16.7178, 12.6483



14.0457, 16.7178, 21.3208

Complementary

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



17.8166, 16.7178, 21.6899



16.5888, 19.4931, 17.6409

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.



13.8088, 16.7178, 18.0128



17.8166, 16.7178, 21.6899



14.8801, 16.7178, 13.2383

Square

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



17.8166, 16.7178, 21.6899



17.0648, 16.7178, 13.3931



14.1071, 16.7178, 15.1111



14.7700, 16.7178, 24.0449

Rectangle

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



17.8166, 16.7178, 21.6899



18.0514, 16.7178, 16.3168



14.1071, 16.7178, 15.1111



13.9080, 16.7178, 20.2289

Sweetspot

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



17.8171, 16.7185, 21.6903



34.8886, 35.6361, 40.6618



15.6120, 15.5669, 22.2607



8.1228, 8.2562, 9.4930



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.



17.8171, 16.7185, 21.6903



31.0416, 28.2947, 38.2925



17.2446, 16.4895, 18.6758



4.4793, 4.4049, 5.3283



11.8688, 5.7672, 16.4308



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8171, 16.7185, 21.6903



31.0416, 28.2947, 38.2925



17.1281, 19.7088, 20.4809



4.4793, 4.4049, 5.3283



11.8688, 5.7672, 16.4308



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.8166, 16.7178, 21.6899 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 17.8166, 16.7178, 21.6899 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 17.8166, 16.7178, 21.6899

Background



This preview shows how black text looks on a background with the XYZ color 17.8166, 16.7178, 21.6899.



This preview shows how white text looks on a background with the XYZ color 17.8166, 16.7178,

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

17.8166, 16.7178, 21.6899

Protanopia

16.4835, 16.8135, 22.7986

Deuteranopia

17.0683, 16.8172, 21.4152



Tritanopia

17.3428, 16.6809, 19.4452

Trichromacy



Original Color

17.8166, 16.7178, 21.6899

Protanomaly

16.8513, 16.6831, 22.4107

Deuteranomaly

17.3824, 16.8181, 21.3988

Tritanomaly

17.5240, 16.7534, 20.3993

Monochromacy



Original Color

17.8166, 16.7178, 21.6899

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9806, 17.1352, 19.8652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8166, 16.7178, 21.6899 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(127, 108, 125)` looks like.

```
.text, #text, p{  
    color:rgb(127, 108, 125)  
}
```

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(127, 108, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 108, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.8166, 16.7178, 21.6899 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(127, 108, 125) }
```


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

```
.border{ border-color:rgb(127, 108, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 108, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 108, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 108, 125);  
box-shadow:4px 4px 4px 4px rgb(127, 108,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8166, 16.7178, 21.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 108, 125) }
```

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

```
.background{ background-color: rgb(127,  
108, 125) }
```

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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