

Converting Colors

XYZ(17.4280, 17.0099, 21.1036)

Have a look what the booklet for
XYZ(17.4280, 17.0099, 21.1036)
contains.

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Color

**XYZ(17.4280, 17.0099,
21.1036)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6F7B
RGB	123, 111, 123
RGB Percent	48%, 44%, 48%
CMY	0.5176, 0.5647, 0.5176
CMYK	0.00, 0.10, 0.00, 0.52
HSL	300°, 5%, 46%
HSV	300°, 10%, 48%
XYZ	17.4280, 17.0099, 21.1036
YIQ	115.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

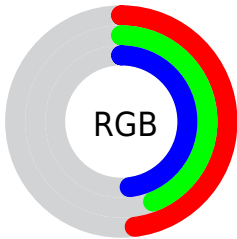
Format	Color
R_{YB}	123, 111, 123
Decimal	8089467
CIE Lab	48.27, 7.02, -4.93
CIE LCh	48, 8.578, 324.932
Yxy	17.0099, 0.3138, 0.3063
Android (android.graphics.Color)	4286279547 (0xFF7B6F7B)
YUV	115.9560, 3.4727, 6.1776
Hunter-Lab	41.2431, 3.2530, -1.4679

Details

The XYZ color **17.4280, 17.0099, 21.1036** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5084, 18.6936, 17.7780**, and the grayscale version is **16.5764, 17.4397, 18.9918**.

A 20% lighter version of the original color is **38.5143, 38.4035, 45.9401**, and **5.8376, 5.5053, 7.2335** is the 20% darker color. If you saturate the color by 10%, you get **16.1775, 14.5086, 20.6869**, and if you desaturate by 10%, it is **18.8644, 19.8823, 21.5827**.

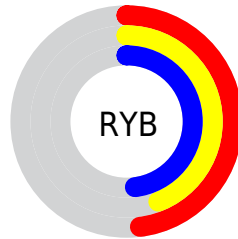
Distribution



Red (48%)

Green (44%)

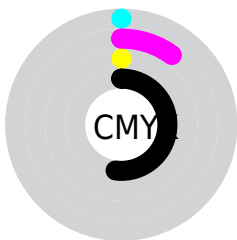
Blue (48%)



Red (48%)

Yellow (44%)

Blue (48%)

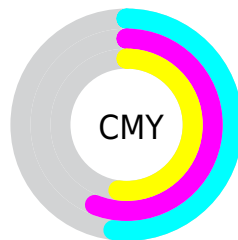


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4280, 17.0099, 21.1036 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 17.4280, 17.0099, 21.1036 by changing the saturation by 10% instead.

■ 17.4280, 17.0099,
21.1036

■ 17.4280, 17.0099,
21.1036

230.7354,
235.2294, 270.6277

■ 10.6373, 10.2416,
13.0078

■ 38.5980, 38.3428,
46.1429

■ 5.8890, 5.5594,
7.3031

■ 53.7080, 53.6761,
63.9235

■ 2.8177, 2.5791,
3.5711

■ 72.3218, 72.6333,
85.7694

■ 1.0581, 0.9162,
1.3931

■ 94.8047, 95.5985,
112.0991

■ 0.0000, 0.0000,
0.1363

121.5222,
122.9564, 143.3313

■ 0.0000, 0.0000,
0.0000

152.8396,

155.0913, 179.8844

189.1222,
192.3875, 222.1770

■ 17.4280, 17.0099,
21.1036

■ 17.4280, 17.0099,
21.1036

■ 16.1775, 14.5086,
20.6869

■ 18.8644, 19.8823,
21.5827

■ 15.1037, 12.3612,
20.3289

■ 20.4921, 23.1379,
22.1253

■ 14.1993, 10.5524,
20.0274

■ 22.3185, 26.7906,
22.7342

■ 13.4556, 9.0649,
19.7794

■ 24.3499, 30.8533,
23.4114

■ 12.8631, 7.8800,
19.5818

■ 26.5923, 35.3382,
24.1589

■ 12.4115, 6.9768,
19.4312

■ 29.0517, 40.2569,
24.9788

■ 12.0892, 6.3322,
19.3237

■ 31.7336, 45.6208,
25.8729

■ 11.8825, 5.9188,
19.2547

■ 34.6435, 51.4405,
26.8429

■ 11.7469, 5.6476,
19.2095

■ 37.7866, 57.7266,
27.8906

Harmonies

Analogous

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



16.8088, 17.0099, 22.7013



17.4280, 17.0099, 21.1036



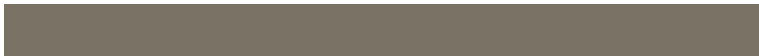
17.7100, 17.0099, 18.9034

Triad

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



17.4280, 17.0099, 21.1036



16.3004, 17.0099, 14.5585



14.8434, 17.0099, 20.3938

Complementary

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



17.4280, 17.0099, 21.1036



16.5084, 18.6936, 17.7780

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.



14.7171, 17.0099, 18.1435



17.4280, 17.0099, 21.1036



15.5426, 17.0099, 14.8880

Square

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



17.4280, 17.0099, 21.1036



17.0457, 17.0099, 15.2189



14.9691, 17.0099, 16.1580



15.3198, 17.0099, 22.2689

Rectangle

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



17.4280, 17.0099, 21.1036



17.6623, 17.0099, 17.4346



14.9691, 17.0099, 16.1580



14.7593, 17.0099, 19.6514

Sweetspot

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



17.4285, 17.0106, 21.1040



32.8897, 33.8217, 38.3513



15.8159, 16.1793, 21.0286



7.7011, 7.8757, 9.0173



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.4285, 17.0106, 21.1040



30.6095, 29.2613, 37.5911



17.0643, 16.8650, 19.1861



4.1545, 4.0775, 5.0112



12.1485, 5.8355, 19.8706



57.9494, 27.8361, 94.7845

Inverse Universe

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



17.4285, 17.0106, 21.1040



30.6095, 29.2613, 37.5911



16.8500, 18.8303, 19.5768



4.1545, 4.0775, 5.0112



12.1485, 5.8355, 19.8706



57.9494, 27.8361, 94.7845

Previews

White Background



This preview shows how the XYZ color 17.4280, 17.0099, 21.1036 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 17.4280, 17.0099, 21.1036 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 17.4280, 17.0099, 21.1036

Background



This preview shows how black text looks on a background with the XYZ color 17.4280, 17.0099, 21.1036.

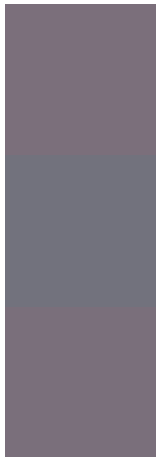


This preview shows how white text looks on a background with the XYZ color 17.4280, 17.0099,

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

17.4280, 17.0099, 21.1036

Protanopia

16.6584, 17.0927, 21.8233

Deuteranopia

17.2856, 16.9365, 21.0969



Tritanopia

17.2430, 16.9359, 20.1295

Trichromacy



Original Color

17.4280, 17.0099, 21.1036

Protanomaly

16.8793, 17.0474, 21.4696

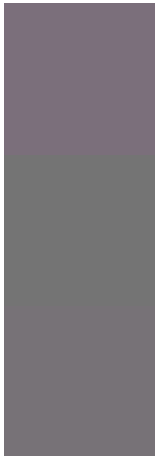
Deuteranomaly

17.2856, 16.9365, 21.0969

Tritanomaly

17.3040, 16.9603, 20.4508

Monochromacy



Original Color

17.4280, 17.0099, 21.1036

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9548, 17.2885, 19.8962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4280, 17.0099, 21.1036 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(123, 111, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 111, 123)  
}
```

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(123, 111, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 111, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.4280, 17.0099, 21.1036 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(123, 111, 123) }
```


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

```
.border{ border-color:rgb(123, 111, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 111, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 111, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 111, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 111,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4280, 17.0099, 21.1036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 111, 123) }
```

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

```
.background{ background-color: rgb(123,  
111, 123) }
```

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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