

Converting Colors

XYZ(17.3321, 16.6097, 20.2744)

Have a look what the booklet for
XYZ(17.3321, 16.6097, 20.2744)
contains.

XYZ(17.3773, 16.6777, 20.3924)	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(17.3773, 16.6777,
20.3924)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6D79
RGB	125, 109, 121
RGB Percent	49%, 43%, 47%
CMY	0.5098, 0.5725, 0.5255
CMYK	0.00, 0.13, 0.03, 0.51
HSL	315°, 7%, 46%
HSV	315°, 13%, 49%
XYZ	17.3773, 16.6777, 20.3924
YIQ	115.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

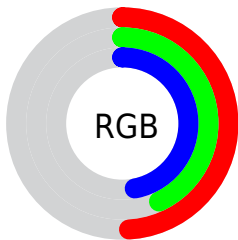
Format	Color
R_{YB}	125, 109, 121
Decimal	8220025
CIE _{Lab}	47.85, 8.56, -4.34
CIE _{LCh}	48, 9.598, 333.118
Yxy	16.6777, 0.3192, 0.3063
Android (android.graphics.Color)	4286410105 (0xFF7D6D79)
YUV	115.1520, 2.8831, 8.6367
Hunter-Lab	40.8383, 4.4872, -1.0193

Details

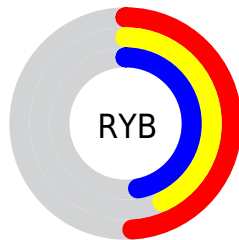
The XYZ color **17.3773, 16.6777, 20.3924** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6216, 19.1112, 18.4365**, and the grayscale version is **16.3325, 17.1831, 18.7124**.

A 20% lighter version of the original color is **38.6478, 37.9718, 44.8275**, and **5.8518, 5.3550, 7.0285** is the 20% darker color. If you saturate the color by 10%, you get **15.9491, 14.1229, 18.9860**, and if you desaturate by 10%, it is **19.0024, 19.6158, 21.8954**.

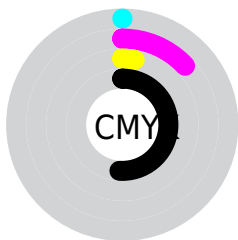
Distribution



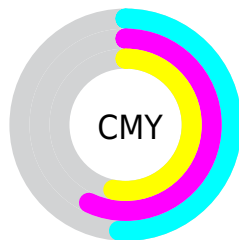
- Red (49%)
- Green (43%)
- Blue (47%)



- Red (49%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (51%)



- Cyan (51%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3773, 16.6777, 20.3924 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 17.3773, 16.6777, 20.3924 by changing the saturation by 10% instead.

■ 17.3773, 16.6777,
20.3924

■ 17.3773, 16.6777,
20.3924

230.4515,
233.3082, 266.7057

■ 10.6008, 10.0050,
12.4937

■ 38.5118, 37.7708,
44.9417

■ 5.8644, 5.4023,
6.9542

■ 53.6006, 52.9599,
62.4293

■ 2.8027, 2.4852,
3.3555

■ 72.1908, 71.7567,
83.9504

■ 1.0503, 0.8692,
1.2789

■ 94.6479, 94.5454,
109.9234

■ 0.0000, 0.0000,
0.0444

121.3371,
121.7105, 140.7669

■ 0.0000, 0.0000,
0.0000

152.6239,

153.6364, 176.8994

188.8735,
190.7075, 218.7395

■ 17.3773, 16.6777,
20.3924

■ 17.3773, 16.6777,
20.3924

■ 15.9491, 14.1229,
18.9860

■ 19.0024, 19.6158,
21.8954

■ 14.7082, 11.9331,
17.6723

■ 20.8303, 22.9500,
23.4968

■ 13.6467, 10.0922,
16.4484

■ 22.8689, 26.6952,
25.1996

■ 12.7551, 8.5816,
15.3109

■ 25.1248, 30.8648,
27.0063

■ 12.0233, 7.3811,
14.2562

■ 27.6046, 35.4719,
28.9194

■ 11.4402, 6.4685,
13.2803

■ 30.3144, 40.5287,
30.9412

■ 10.9930, 5.8182,
12.3785

■ 33.2602, 46.0470,
33.0740

■ 10.6664, 5.3999,
11.5454

■ 36.4477, 52.0383,
35.3199

■ 10.4666, 5.1636,
10.9748

■ 39.8826, 58.5135,
37.6810

Harmonies

Analogous

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



16.7751, 16.6777, 22.4346



17.3773, 16.6777, 20.3924



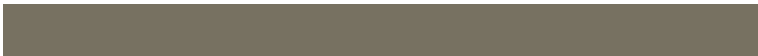
17.5659, 16.6777, 17.9021

Triad

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



17.3773, 16.6777, 20.3924



15.7616, 16.6777, 13.8176



14.5029, 16.6777, 20.8797

Complementary

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



17.3773, 16.6777, 20.3924



16.6216, 19.1112, 18.4365

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.



14.2527, 16.6777, 18.4188



17.3773, 16.6777, 20.3924



14.9627, 16.6777, 14.4647

Square

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



17.3773, 16.6777, 20.3924



16.6134, 16.6777, 14.2438



14.4180, 16.6777, 16.0953



15.1136, 16.6777, 22.7333

Rectangle

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



17.3773, 16.6777, 20.3924



17.4263, 16.6777, 16.3575



14.4180, 16.6777, 16.0953



14.3749, 16.6777, 20.0885

Sweetspot

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



17.3778, 16.6784, 20.3928



33.6300, 34.4040, 38.8494



15.9810, 15.9294, 21.6348



7.6049, 7.7446, 8.7963



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.



17.3778, 16.6784, 20.3928



30.4299, 28.6289, 35.8557



16.9073, 16.4902, 17.9153



4.4537, 4.3946, 5.1934



10.9209, 5.3880, 11.4390



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3778, 16.6784, 20.3928



30.4299, 28.6289, 35.8557



17.0921, 19.2994, 20.9140



4.4537, 4.3946, 5.1934



10.9209, 5.3880, 11.4390



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3773, 16.6777, 20.3924 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 17.3773, 16.6777, 20.3924 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 17.3773, 16.6777, 20.3924

Background



This preview shows how black text looks on a background with the XYZ color 17.3773, 16.6777, 20.3924.



This preview shows how white text looks on a background with the XYZ color 17.3773, 16.6777,

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

17.3773, 16.6777, 20.3924

Protanopia

16.2903, 16.7510, 21.1136

Deuteranopia

16.9123, 16.5973, 20.4014



Tritanopia

17.1961, 16.6053, 19.4383

Trichromacy



Original Color

17.3773, 16.6777, 20.3924

Protanomaly

16.6431, 16.7754, 20.7731

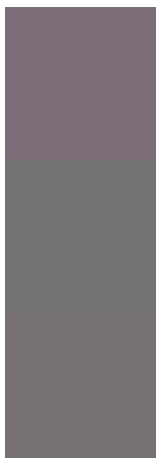
Deuteranomaly

17.0532, 16.6699, 20.4080

Tritanomaly

17.2559, 16.6292, 19.7530

Monochromacy



Original Color

17.3773, 16.6777, 20.3924

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7238, 17.0165, 19.2327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3773, 16.6777, 20.3924 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(125, 109, 121)` looks like.

```
.text, #text, p{  
    color:rgb(125, 109, 121)  
}
```

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(125, 109, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 109, 121) }
```

Border

The CSS property to change the border of an element to XYZ 17.3773, 16.6777, 20.3924 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(125, 109, 121) }
```


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

```
.border{ border-color:rgb(125, 109, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 109, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 109, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 109, 121);  
box-shadow:4px 4px 4px 4px rgb(125, 109,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3773, 16.6777, 20.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 109, 121) }
```

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

```
.background{ background-color: rgb(125,  
109, 121) }
```

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