

Converting Colors

XYZ(15.7426, 14.0016, 22.1232)

Have a look what the booklet for
XYZ(15.7426, 14.0016, 22.1232)
contains.

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Color

**XYZ(15.7787, 14.0298,
22.2985)**

Conversions

Conversions Part 1

Format	Color
Hex	776180
RGB	119, 97, 128
RGB Percent	47%, 38%, 50%
CMY	0.5333, 0.6196, 0.4980
CMYK	0.07, 0.24, 0.00, 0.50
HSL	283°, 14%, 44%
HSV	283°, 24%, 50%
XYZ	15.7787, 14.0298, 22.2985
YIQ	107.1120, 3.1610, 14.3050

Conversions

Conversions Part 2

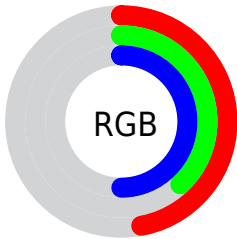
Format	Color
R_{YB}	119, 97, 128
Decimal	7823744
CIE _{Lab}	44.28, 14.99, -13.96
CIE _{LCh}	44, 20.486, 317.028
Yxy	14.0298, 0.3028, 0.2692
Android (android.graphics.Color)	4286013824 (0xFF776180)
YUV	107.1120, 10.2978, 10.4258
Hunter-Lab	37.4564, 9.6454, -9.0770

Details

The XYZ color **15.7787, 14.0298, 22.2985** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.8212, 19.3660, 14.2140**, and the grayscale version is **13.9782, 14.7062, 16.0150**.

A 20% lighter version of the original color is **35.7250, 33.1739, 48.2364**, and **5.0777, 4.1478, 7.9301** is the 20% darker color. If you saturate the color by 10%, you get **14.1901, 11.5948, 21.9124**, and if you desaturate by 10%, it is **17.5790, 16.8580, 22.7497**.

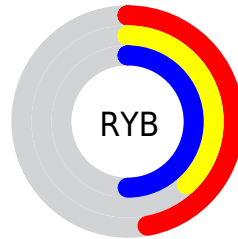
Distribution



Red (47%)

Green (38%)

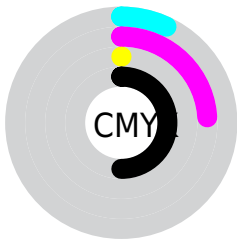
Blue (50%)



Red (47%)

Yellow (38%)

Blue (50%)

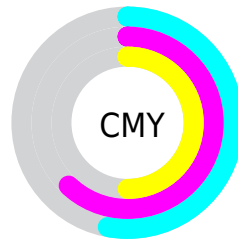


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (50%)



Cyan (53%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7787, 14.0298, 22.2985 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 15.7787, 14.0298, 22.2985 by changing the saturation by 10% instead.

■ 15.7787, 14.0298,
22.2985

■ 15.7787, 14.0298,
22.2985

221.3285,
217.4161, 277.1054

■ 9.4575, 8.1414,
13.8760

■ 35.7741, 33.1419,
48.1474

■ 5.1003, 4.1856,
7.8967

■ 50.1791, 47.1344,
66.4108

■ 2.3416, 1.7779,
3.9421

■ 68.0095, 64.5970,
88.7916

■ 0.8158, 0.4733,
1.5936

■ 89.6305, 85.9142,
115.7083

■ 0.0000, 0.0000,
0.2863

115.4075,
111.4703, 147.5795

■ 0.0000, 0.0000,
0.0000

145.7060,

141.6497, 184.8238

180.8912,
176.8369, 227.8595

■ 15.7787, 14.0298,
22.2985

■ 15.7787, 14.0298,
22.2985

■ 14.1901, 11.5948,
21.9124

■ 17.5790, 16.8580,
22.7497

■ 12.8025, 9.5329,
21.5876

■ 19.5984, 20.0947,
23.2680

■ 11.6063, 7.8246,
21.3209

■ 21.8455, 23.7568,
23.8565

■ 10.5903, 6.4483,
21.1088

■ 24.3283, 27.8594,
24.5175

■ 9.7423, 5.3797,
20.9472

■ 27.0540, 32.4170,
25.2535

9.0483, 4.5911,
20.8316

30.0297, 37.4435,
26.0669

8.4896, 4.0457,
20.7558

33.2622, 42.9521,
26.9598

8.1948, 3.7745,
20.7189

36.7581, 48.9554,
27.9343

40.5234, 55.4658,
28.9925

Harmonies

Analogous

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



14.2802, 14.0298, 25.6445



15.7787, 14.0298, 22.2985



16.6511, 14.0298, 17.3950

Triad

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



15.7787, 14.0298, 22.2985



14.0556, 14.0298, 8.0554



10.5405, 14.0298, 18.0773

Complementary

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



15.7787, 14.0298, 22.2985



15.8212, 19.3660, 14.2140

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.



10.4911, 14.0298, 13.3366



15.7787, 14.0298, 22.2985



12.4323, 14.0298, 8.1639

Square

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



15.7787, 14.0298, 22.2985



15.6027, 14.0298, 9.5735



11.1574, 14.0298, 9.9085



11.2982, 14.0298, 22.8855

Rectangle

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



15.7787, 14.0298, 22.2985



16.7170, 14.0298, 14.1971



11.1574, 14.0298, 9.9085



10.4428, 14.0298, 16.4084

Sweetspot

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



15.7791, 14.0304, 22.2988



33.4179, 33.6253, 40.6853



14.0116, 14.4705, 22.4769



7.7860, 7.8115, 9.5157



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.



15.7791, 14.0304, 22.2988



26.2116, 22.2818, 38.8756



16.6777, 14.5393, 20.2752



4.3803, 4.3517, 5.4224



8.1270, 3.7433, 20.5441



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.7788, 14.1798, 15.5416



26.2548, 22.6183, 24.6821



15.1076, 18.9634, 15.7493



4.3752, 4.3632, 4.7800



9.1613, 4.6842, 2.1730



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7787, 14.0298, 22.2985 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 15.7787, 14.0298, 22.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

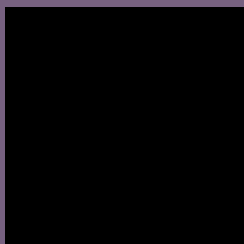
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7787, 14.0298, 22.2985

Background



This preview shows how black text looks on a background with the XYZ color 15.7787, 14.0298, 22.2985.



This preview shows how white text looks on a background with the XYZ color 15.7787, 14.0298,

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

15.7787, 14.0298, 22.2985

Protanopia

14.2210, 14.1908, 24.1799

Deuteranopia

14.3899, 14.1759, 22.0565



Tritanopia

14.5629, 14.1031, 16.1420

Trichromacy



Original Color

15.7787, 14.0298, 22.2985

Protanomaly

14.6943, 14.0102, 23.4025

Deuteranomaly

14.7911, 14.0909, 22.0189

Tritanomaly

14.9878, 14.1341, 18.1579

Monochromacy



Original Color

15.7787, 14.0298, 22.2985

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.5003, 14.3178, 18.2190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7787, 14.0298, 22.2985 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(119, 97, 128)` looks like.

```
.text, #text, p{  
    color:rgb(119, 97, 128)  
}
```

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(119, 97, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 97, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.7787, 14.0298, 22.2985 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(119, 97, 128) }
```


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

```
.border{ border-color:rgb(119, 97, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 97, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 97, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 97, 128);  
box-shadow:4px 4px 4px 4px rgb(119, 97,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7787, 14.0298, 22.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 97, 128) }
```

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

```
.background{ background-color: rgb(119, 97,  
128) }
```

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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