

Converting Colors

XYZ(17.7159, 24.6743, 22.5678)

Have a look what the booklet for
XYZ(17.7159, 24.6743, 22.5678)
contains.

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Color

**XYZ(17.7159, 24.6743,
22.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	51957B
RGB	81, 149, 123
RGB Percent	32%, 58%, 48%
CMY	0.6823, 0.4157, 0.5176
CMYK	0.46, 0.00, 0.17, 0.42
HSL	157°, 30%, 45%
HSV	157°, 46%, 58%
XYZ	17.7159, 24.6743, 22.5678
YIQ	125.7040, -32.1820, -22.5020

Conversions

Conversions Part 2

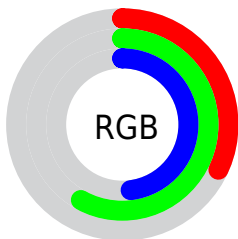
Format	Color
RYB	81, 123, 149
Decimal	5346683
CIELab	56.76, -27.99, 7.08
CIELCh	57, 28.875, 165.802
Yxy	24.6743, 0.2727, 0.3799
Android (android.graphics.Color)	4283536763 (0xFF51957B)
YUV	125.7040, -1.3331, -39.2054
Hunter-Lab	49.6732, -23.2663, 7.8343

Details

The XYZ color **17.7159, 24.6743, 22.5678** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.9915, 13.3365, 15.5366**, and the grayscale version is **19.7434, 20.7716, 22.6203**.

A 20% lighter version of the original color is **39.1622, 51.3492, 48.4048**, and **6.0557, 9.4628, 7.9859** is the 20% darker color. If you saturate the color by 10%, you get **16.2303, 23.9491, 20.6907**, and if you desaturate by 10%, it is **19.5039, 25.5543, 24.5685**.

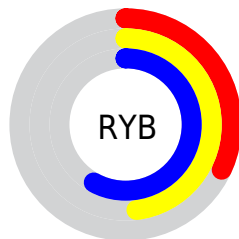
Distribution



Red (32%)

Green (58%)

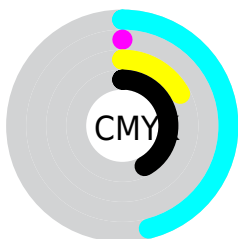
Blue (48%)



Red (32%)

Yellow (48%)

Blue (58%)

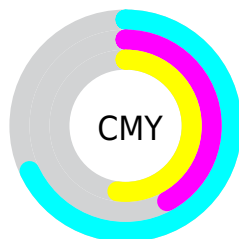


Cyan (46%)

Magenta (0%)

Yellow (17%)

Black (42%)



Cyan (68%)

Magenta (42%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7159, 24.6743, 22.5678 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 17.7159, 24.6743, 22.5678 by changing the saturation by 10% instead.

■ 17.7159, 24.6743,
22.5678

■ 17.7159, 24.6743,
22.5678

232.3415,
276.2120, 278.5469

■ 10.8447, 15.8346,
14.0724

■ 39.0865, 51.1283,
48.5968

■ 6.0290, 9.4072,
8.0317

■ 54.3166, 69.5115,
66.9676

■ 2.9035, 5.0077,
4.0272

■ 73.0637, 91.8445,
89.4672

■ 1.1030, 2.2518,
1.6403

■ 95.6931, 118.5118,
116.5141

■ 0.0276, 0.7480,
0.3193

■ 122.5703,
149.8978, 148.5271

■ 0.0000, 0.0000,
0.0000

154.0605,

186.3869, 185.9245

190.5291,
228.3635, 229.1249

■ 17.7159, 24.6743,
22.5678

■ 17.7159, 24.6743,
22.5678

■ 16.2303, 23.9491,
20.6907

■ 19.5039, 25.5543,
24.5685

■ 15.0260, 23.3660,
18.9327

■ 21.6093, 26.5948,
26.6937

■ 14.0828, 22.9150,
17.2917


■ 24.0487, 27.8050,
28.9465


■ 13.3762, 22.5839,
15.7645


■ 26.8370, 29.1926,
31.3292


■ 12.8728, 22.3552,
14.3476


■ 29.9878, 30.7645,
33.8441

 12.6810, 22.2690,
13.7619

 33.5144, 32.5275,
36.4935

 37.4291, 34.4880,
39.2795

 41.7438, 36.6521,
42.2043

 46.4698, 39.0254,
45.2699

Harmonies

Analogous

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



19.1077, 24.6743, 15.8969



17.7159, 24.6743, 22.5678



17.7549, 24.6743, 32.2417

Triad

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



17.7159, 24.6743, 22.5678



25.2609, 24.6743, 48.9634



28.2644, 24.6743, 15.6393

Complementary

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



17.7159, 24.6743, 22.5678



17.9915, 13.3365, 15.5366

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.



30.2540, 24.6743, 22.1240



17.7159, 24.6743, 22.5678



28.4099, 24.6743, 41.9864

Square

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



17.7159, 24.6743, 22.5678



21.8989, 24.6743, 49.1643



30.3096, 24.6743, 31.6782



25.0772, 24.6743, 12.5953

Rectangle

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



17.7159, 24.6743, 22.5678



18.5808, 24.6743, 39.2463



30.3096, 24.6743, 31.6782



29.1083, 24.6743, 17.4088

Sweetspot

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



17.7166, 24.6753, 22.5684



43.7052, 50.1106, 52.4012



18.3048, 25.2200, 11.6880



9.4811, 11.0035, 11.4318



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.7166, 24.6753, 22.5684



28.9508, 42.8323, 36.8974



18.3536, 22.9896, 31.9051



5.8711, 6.5250, 6.9319



10.6871, 18.7476, 11.6597



0.1452, 0.2352, 0.2187

Inverse Universe

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



17.9915, 13.3365, 15.5366



29.5161, 19.8510, 22.6865



17.4472, 14.1178, 9.5903



5.8871, 5.8499, 6.5116



11.0663, 5.6316, 3.8301



0.1490, 0.0744, 0.1185

Previews

White Background



This preview shows how the XYZ color 17.7159, 24.6743, 22.5678 looks on a white background.

Color Contrast Check

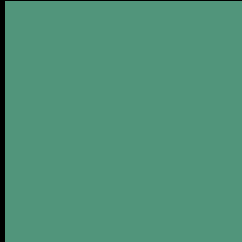
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.7159, 24.6743, 22.5678 looks on a black 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

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

XYZ 17.7159, 24.6743, 22.5678

Background



This preview shows how black text looks on a background with the XYZ color 17.7159, 24.6743, 22.5678.



This preview shows how white text looks on a background with the XYZ color 17.7159, 24.6743,

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

17.7159, 24.6743, 22.5678

Protanopia

22.9717, 24.3397, 20.0103

Deuteranopia

24.8960, 24.4403, 23.4840



Tritanopia

20.1905, 24.5205, 35.1213

Trichromacy



Original Color

17.7159, 24.6743, 22.5678

Protanomaly

20.4536, 24.0811, 21.0229

Deuteranomaly

21.4586, 24.1189, 23.2631

Tritanomaly

19.2434, 24.5976, 30.1191

Monochromacy



Original Color

17.7159, 24.6743, 22.5678

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.6572, 21.8459, 22.6354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7159, 24.6743, 22.5678 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(81, 149, 123)` looks like.

```
.text, #text, p{  
    color:rgb(81, 149, 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(81, 149, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 149, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.7159, 24.6743, 22.5678 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(81, 149, 123) }
```


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

```
.border{ border-color:rgb(81, 149, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 149, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 149, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 149, 123);  
box-shadow:4px 4px 4px 4px rgb(81, 149,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7159, 24.6743, 22.5678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 149, 123) }
```

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

```
.background{ background-color: rgb(81, 149,  
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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