

Converting Colors

XYZ(17.8288, 24.1943, 24.5294)

Have a look what the booklet for
XYZ(17.8288, 24.1943, 24.5294)
contains.

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Color

**XYZ(17.8758, 24.2463,
24.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	529381
RGB	82, 147, 129
RGB Percent	32%, 58%, 51%
CMY	0.6784, 0.4235, 0.4941
CMYK	0.44, 0.00, 0.12, 0.42
HSL	163°, 28%, 45%
HSV	163°, 44%, 58%
XYZ	17.8758, 24.2463, 24.5067
YIQ	125.5130, -32.9620, -19.3780

Conversions

Conversions Part 2

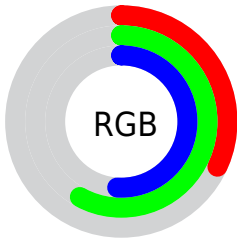
Format	Color
RYB	82, 120, 147
Decimal	5411713
CIELab	56.33, -25.31, 3.06
CIElCh	56, 25.496, 173.117
Yxy	24.2463, 0.2683, 0.3639
Android (android.graphics.Color)	4283601793 (0xFF529381)
YUV	125.5130, 1.7191, -38.1609
Hunter-Lab	49.2405, -21.3700, 4.9601

Details

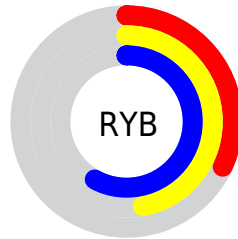
The XYZ color **17.8758, 24.2463, 24.5067** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.3509, 13.1582, 13.6827**, and the grayscale version is **19.6689, 20.6932, 22.5349**.

A 20% lighter version of the original color is **39.3218, 50.3016, 51.8927**, and **6.1097, 9.1918, 9.0416** is the 20% darker color. If you saturate the color by 10%, you get **16.4668, 23.5512, 23.0565**, and if you desaturate by 10%, it is **19.5708, 25.0888, 26.0276**.

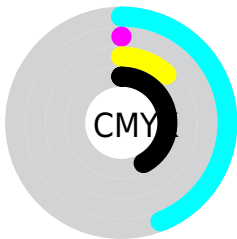
Distribution



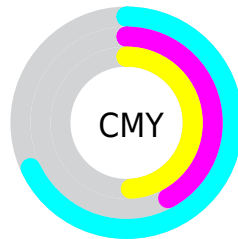
- Red (32%)
- Green (58%)
- Blue (51%)



- Red (32%)
- Yellow (47%)
- Blue (58%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)



- Cyan (68%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8758, 24.2463, 24.5067 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 17.8758, 24.2463, 24.5067 by changing the saturation by 10% instead.

■ 17.8758, 24.2463,
24.5067

■ 17.8758, 24.2463,
24.5067

233.2292,
274.0633, 288.7409

■ 10.9600, 15.5164,
15.4942

■ 39.3573, 50.4318,
51.8100

■ 6.1070, 9.1826,
9.0165

■ 54.6538, 68.6563,
70.9379

■ 2.9516, 4.8605,
4.6550

■ 73.4744, 90.8144,
94.2746

■ 1.1282, 2.1656,
1.9911

■ 96.1848, 117.2905,
122.2389

■ 0.0485, 0.7012,
0.5498

■ 123.1500,
148.4691, 155.2491

■ 0.0000, 0.0000,
0.0000

154.7356,

184.7345, 193.7238

191.3069,
226.4711, 238.0815

■ 17.8758, 24.2463,
24.5067

■ 17.8758, 24.2463,
24.5067

■ 16.4668, 23.5512,
23.0565

■ 19.5708, 25.0888,
26.0276

■ 15.3240, 22.9915,
21.6739

■ 21.5661, 26.0843,
27.6190

■ 14.4282, 22.5579,
20.3579


■ 23.8771, 27.2412,
29.2827


■ 13.7568, 22.2388,
19.1067


■ 26.5180, 28.5669,
31.0201


■ 13.2818, 22.0197,
17.9183


■ 29.5018, 30.0681,
32.8322

 13.0509, 21.9151,
17.2574

 32.8409, 31.7511,
34.7204

 36.5470, 33.6220,
36.6857

 40.6313, 35.6866,
38.7293

 45.1046, 37.9503,
40.8521

Harmonies

Analogous

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



18.8126, 24.2463, 17.8257



17.8758, 24.2463, 24.5067



18.2269, 24.2463, 33.2809

Triad

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



17.8758, 24.2463, 24.5067



25.3371, 24.2463, 44.2673



26.6079, 24.2463, 15.4513

Complementary

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



17.8758, 24.2463, 24.5067



17.3509, 13.1582, 13.6827

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.



28.6460, 24.2463, 20.5397



17.8758, 24.2463, 24.5067



27.8698, 24.2463, 37.3594

Square

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



17.8758, 24.2463, 24.5067



22.3744, 24.2463, 45.9586



29.1264, 24.2463, 28.3886



23.7296, 24.2463, 13.3670

Rectangle

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



17.8758, 24.2463, 24.5067



19.1598, 24.2463, 39.0854



29.1264, 24.2463, 28.3886



27.4236, 24.2463, 16.8076

Sweetspot

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



17.8765, 24.2473, 24.5073



43.1826, 48.9957, 52.7291



17.2591, 24.2108, 11.7464



9.6512, 11.0811, 11.8949



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.



17.8765, 24.2473, 24.5073



29.5177, 42.1895, 41.3217



17.1230, 20.6535, 30.6891



5.8963, 6.5351, 7.0648



11.3247, 19.0027, 15.0174



0.1511, 0.2376, 0.2497

Inverse Universe

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



17.3509, 13.1582, 13.6827



28.4631, 19.7092, 19.4310



17.7468, 15.1938, 9.9802



5.8629, 5.8402, 6.3841



10.7837, 5.5185, 2.3420



0.1432, 0.0720, 0.0875

Previews

White Background



This preview shows how the XYZ color 17.8758, 24.2463, 24.5067 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 17.8758, 24.2463, 24.5067 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 17.8758, 24.2463, 24.5067

Background



This preview shows how black text looks on a background with the XYZ color 17.8758, 24.2463, 24.5067.

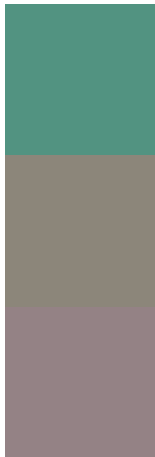


This preview shows how white text looks on a background with the XYZ color 17.8758, 24.2463,

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

17.8758, 24.2463, 24.5067

Protanopia

22.8532, 24.0308, 21.8463

Deuteranopia

24.4290, 23.9546, 25.5265



Tritanopia

19.8587, 24.1353, 34.6223

Trichromacy



Original Color

17.8758, 24.2463, 24.5067

Protanomaly

20.5420, 23.8678, 22.9263

Deuteranomaly

21.2812, 23.5593, 25.2556

Tritanomaly

18.9993, 24.0003, 30.8253

Monochromacy



Original Color

17.8758, 24.2463, 24.5067

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.7863, 21.8975, 23.3152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8758, 24.2463, 24.5067 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(82, 147, 129)` looks like.

```
.text, #text, p{  
    color:rgb(82, 147, 129)  
}
```

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(82, 147, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 147, 129) }
```

Border

The CSS property to change the border of an element to XYZ 17.8758, 24.2463, 24.5067 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(82, 147, 129) }
```


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

```
.border{ border-color:rgb(82, 147, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 147, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 147, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 147, 129);  
box-shadow:4px 4px 4px 4px rgb(82, 147,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8758, 24.2463, 24.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 147, 129) }
```

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

```
.background{ background-color: rgb(82, 147,  
129) }
```

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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