

Converting Colors

XYZ(17.5030, 23.8394, 23.7576)

Have a look what the booklet for
XYZ(17.5030, 23.8394, 23.7576)
contains.

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Color

**XYZ(17.5030, 23.8394,
23.7576)**

Conversions

Conversions Part 1

Format	Color
Hex	51927F
RGB	81, 146, 127
RGB Percent	32%, 57%, 50%
CMY	0.6823, 0.4274, 0.5020
CMYK	0.45, 0.00, 0.13, 0.43
HSL	162°, 29%, 45%
HSV	162°, 45%, 57%
XYZ	17.5030, 23.8394, 23.7576
YIQ	124.3990, -32.6410, -19.6890

Conversions

Conversions Part 2

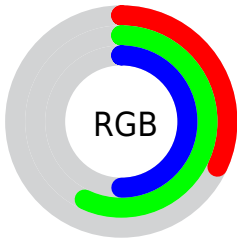
Format	Color
R_{YB}	81, 119, 146
Decimal	5345919
CIE _{Lab}	55.93, -25.56, 3.61
CIE _{LCh}	56, 25.817, 171.970
Yxy	23.8394, 0.2689, 0.3662
Android (android.graphics.Color)	4283535999 (0xFF51927F)
YUV	124.3990, 1.2823, -38.0609
Hunter-Lab	48.8256, -21.4561, 5.3286

Details

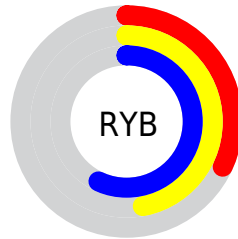
The XYZ color **17.5030, 23.8394, 23.7576** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.0976, 12.9166, 13.6496**, and the grayscale version is **19.2956, 20.3005, 22.1072**.

A 20% lighter version of the original color is **38.7240, 49.6722, 50.7267**, and **5.9193, 8.9675, 8.6266** is the 20% darker color. If you saturate the color by 10%, you get **16.1117, 23.1542, 22.2714**, and if you desaturate by 10%, it is **19.1765, 24.6699, 25.3196**.

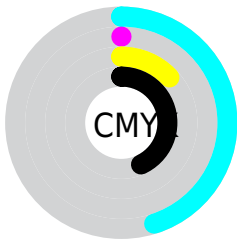
Distribution



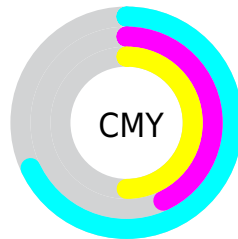
- Red (32%)
- Green (57%)
- Blue (50%)



- Red (32%)
- Yellow (47%)
- Blue (57%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (43%)



- Cyan (68%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5030, 23.8394, 23.7576 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 17.5030, 23.8394, 23.7576 by changing the saturation by 10% instead.

■ 17.5030, 23.8394,
23.7576

■ 17.5030, 23.8394,
23.7576

231.1547,
272.0075, 284.8397

■ 10.6913, 15.2145,
14.9434

■ 38.7254, 49.7680,
50.5732

■ 5.9254, 8.9701,
8.6335

■ 53.8667, 67.8405,
69.4117

■ 2.8400, 4.7217,
4.4094

■ 72.5153, 89.8310,
92.4286

■ 1.0697, 2.0849,
1.8525

■ 95.0366, 116.1240,
120.0426

■ 0.0000, 0.6561,
0.4623

■ 121.7958,
147.1037, 152.6722

■ 0.0000, 0.0000,
0.0000

153.1583,

183.1546, 190.7358

189.4895,
224.6611, 234.6522

■ 17.5030, 23.8394,
23.7576

■ 17.5030, 23.8394,
23.7576

■ 16.1117, 23.1542,
22.2714

■ 19.1765, 24.6699,
25.3196

■ 14.9830, 22.6025,
20.8578

■ 21.1461, 25.6511,
26.9571

■ 14.0980, 22.1750,
19.5155


■ 23.4273, 26.7915,
28.6723


■ 13.4342, 21.8603,
18.2429


■ 26.0339, 28.0982,
30.4664


■ 12.9633, 21.6438,
17.0377


■ 28.9788, 29.5779,
32.3407

 12.7437, 21.5443,
16.4036

 32.2742, 31.2369,
34.2965

 35.9317, 33.0811,
36.3351

 39.9624, 35.1162,
38.4576

 44.3768, 37.3476,
40.6651

Harmonies

Analogous

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



18.4859, 23.8394, 17.1957



17.5030, 23.8394, 23.7576



17.8041, 23.8394, 32.5067

Triad

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



17.5030, 23.8394, 23.7576



24.8430, 23.8394, 44.0808



26.3280, 23.8394, 15.1670

Complementary

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



17.5030, 23.8394, 23.7576



17.0976, 12.9166, 13.6496

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.



28.3240, 23.8394, 20.3521



17.5030, 23.8394, 23.7576



27.4163, 23.8394, 37.2804

Square

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



17.5030, 23.8394, 23.7576



21.8770, 23.8394, 45.5462



28.7386, 23.8394, 28.2882



23.4586, 23.8394, 12.9862

Rectangle

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



17.5030, 23.8394, 23.7576



18.7052, 23.8394, 38.3778



28.7386, 23.8394, 28.2882



27.1332, 23.8394, 16.5550

Sweetspot

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



17.5037, 23.8404, 23.7581



41.8727, 47.5347, 50.9693



17.0759, 23.8908, 11.4964



9.1223, 10.4781, 11.2005



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.5037, 23.8404, 23.7581



28.5215, 40.8941, 39.4024



16.9699, 20.6006, 30.2771



5.8926, 6.5336, 7.0453



11.2240, 18.9624, 14.4872



0.1503, 0.2372, 0.2452

Inverse Universe

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



17.0976, 12.9166, 13.6496



27.7240, 19.1798, 19.3571



17.3427, 14.7112, 9.7105



5.8664, 5.8416, 6.4026



10.8190, 5.5327, 2.5279



0.1440, 0.0724, 0.0920

Previews

White Background



This preview shows how the XYZ color 17.5030, 23.8394, 23.7576 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 17.5030, 23.8394, 23.7576 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 17.5030, 23.8394, 23.7576

Background



This preview shows how black text looks on a background with the XYZ color 17.5030, 23.8394, 23.7576.

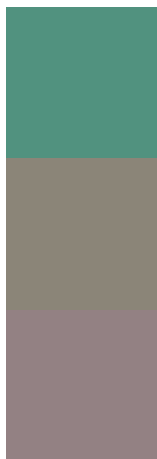


This preview shows how white text looks on a background with the XYZ color 17.5030, 23.8394,

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

17.5030, 23.8394, 23.7576

Protanopia

22.4252, 23.6201, 21.1465

Deuteranopia

23.9796, 23.5423, 24.7530



Tritanopia

19.5302, 23.7538, 34.1274

Trichromacy



Original Color

17.5030, 23.8394, 23.7576

Protanomaly

20.1348, 23.4586, 22.2056

Deuteranomaly

20.8616, 23.1506, 24.4881

Tritanomaly

18.6028, 23.5898, 29.9584

Monochromacy



Original Color

17.5030, 23.8394, 23.7576

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.1373, 21.1713, 22.5326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5030, 23.8394, 23.7576 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, 146, 127)` looks like.

```
.text, #text, p{  
    color:rgb(81, 146, 127)  
}
```

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, 146, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 146, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.5030, 23.8394, 23.7576 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, 146, 127) }
```


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

```
.border{ border-color:rgb(81, 146, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 146, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(81, 146, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(81, 146, 127); box-shadow:4px 4px 4px 4px rgb(81, 146, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5030, 23.8394, 23.7576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 146, 127) }
```

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

```
.background{ background-color: rgb(81, 146,  
127) }
```

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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