

Converting Colors

XYZ(19.1239, 24.2126, 24.0848)

Have a look what the booklet for
XYZ(19.1239, 24.2126, 24.0848)
contains.

XYZ(19.1251, 24.2144, 24.0879)	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(19.1251, 24.2144,
24.0879)**

Conversions

Conversions Part 1

Format	Color
Hex	649080
RGB	100, 144, 128
RGB Percent	39%, 56%, 50%
CMY	0.6078, 0.4353, 0.4980
CMYK	0.31, 0.00, 0.11, 0.44
HSL	158°, 18%, 48%
HSV	158°, 31%, 56%
XYZ	19.1251, 24.2144, 24.0879
YIQ	129.0200, -21.0880, -14.3040

Conversions

Conversions Part 2

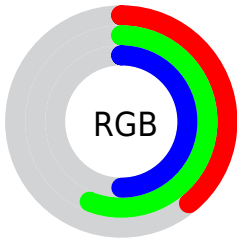
Format	Color
R_{YB}	100, 127, 144
Decimal	6590592
CIE _{Lab}	56.30, -18.65, 3.70
CIE _{LCh}	56, 19.015, 168.786
Y _{xy}	24.2144, 0.2836, 0.3591
Android (android.graphics.Color)	4284780672 (0xFF649080)
YUV	129.0200, -0.5029, -25.4505
Hunter-Lab	49.2081, -16.7389, 5.4226

Details

The XYZ color **19.1251, 24.2144, 24.0879** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2120, 16.3053, 18.6587**, and the grayscale version is **20.8808, 21.9682, 23.9234**.

A 20% lighter version of the original color is **41.4835, 50.3998, 51.2578**, and **6.6909, 9.0970, 8.8004** is the 20% darker color. If you saturate the color by 10%, you get **17.3353, 23.3312, 22.2513**, and if you desaturate by 10%, it is **21.2157, 25.2519, 26.0325**.

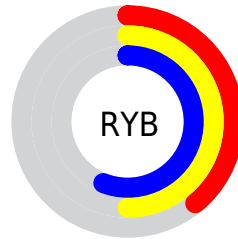
Distribution



Red (39%)

Green (56%)

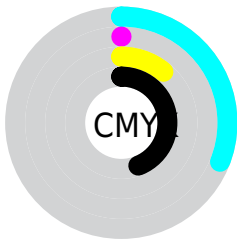
Blue (50%)



Red (39%)

Yellow (50%)

Blue (56%)

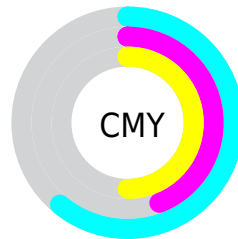


Cyan (31%)

Magenta (0%)

Yellow (11%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1251, 24.2144, 24.0879 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 19.1251, 24.2144, 24.0879 by changing the saturation by 10% instead.

■ 19.1251, 24.2144,
24.0879

■ 19.1251, 24.2144,
24.0879

240.0634,
273.9026, 286.5654

■ 11.8652, 15.4927,
15.1860

■ 41.4606, 50.3798,
51.1192

■ 6.7235, 9.1659,
8.8020

■ 57.2670, 68.5924,
70.0858

■ 3.3346, 4.8496,
4.5172

■ 76.6529, 90.7374,
93.2443

■ 1.3331, 2.1593,
1.9132

■ 99.9838, 117.1992,
121.0133

■ 0.2078, 0.6977,
0.5011

127.6249,
148.3623, 153.8114

■ 0.0000, 0.0000,
0.0000

159.9416,

184.6109, 192.0571

197.2993,
226.3296, 236.1689

■ 19.1251, 24.2144,
24.0879

■ 19.1251, 24.2144,
24.0879

■ 17.3353, 23.3312,
22.2513

■ 21.2157, 25.2519,
26.0325

■ 15.8290, 22.5914,
20.5189

■ 23.6189, 26.4479,
28.0855

■ 14.5905, 21.9878,
18.8892

■ 26.3485, 27.8100,
30.2494

■ 13.6017, 21.5108,
17.3597

■ 29.4170, 29.3446,
32.5260

■ 12.8418, 21.1500,
15.9282

■ 32.8359, 31.0577,
34.9171

■ 12.2868, 20.8929,
14.5919

■ 36.6163, 32.9550,
37.4246

■ 11.8895, 20.7137,
13.4129

■ 40.7690, 35.0420,
40.0501

■ 45.3039, 37.3238,
42.7954

■ 50.2310, 39.8054,
45.6620

Harmonies

Analogous

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



19.9892, 24.2144, 19.1881



19.1251, 24.2144, 24.0879



19.2526, 24.2144, 30.4447

Triad

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



19.1251, 24.2144, 24.0879



24.3985, 24.2144, 39.5167



25.9038, 24.2144, 18.2910

Complementary

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



19.1251, 24.2144, 24.0879



19.2120, 16.3053, 18.6587

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.



27.2382, 24.2144, 22.6678



19.1251, 24.2144, 24.0879



26.3318, 24.2144, 35.1405

Square

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



19.1251, 24.2144, 24.0879



22.2055, 24.2144, 40.0592



27.3997, 24.2144, 28.7820



23.8441, 24.2144, 16.2131

Rectangle

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



19.1251, 24.2144, 24.0879



19.8849, 24.2144, 34.6682



27.3997, 24.2144, 28.7820



26.4576, 24.2144, 19.5068

Sweetspot

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



19.1258, 24.2154, 24.0884



42.2820, 46.9576, 50.0458



19.4945, 24.5899, 15.7758



9.5576, 10.6993, 11.3633



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.



19.1258, 24.2154, 24.0884



31.4056, 41.5588, 40.1318



19.3980, 22.9392, 29.7921



5.4781, 6.0835, 6.4838



10.3646, 18.0417, 11.7403



0.1097, 0.1767, 0.1681

Inverse Universe

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



19.2120, 16.3053, 18.6587



31.5862, 25.2072, 28.9190



18.9429, 17.1307, 14.3651



5.4849, 5.4545, 6.0514



10.5734, 5.3864, 3.4047



0.1110, 0.0555, 0.0847

Previews

White Background



This preview shows how the XYZ color 19.1251, 24.2144, 24.0879 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 19.1251, 24.2144, 24.0879 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 19.1251, 24.2144, 24.0879

Background



This preview shows how black text looks on a background with the XYZ color 19.1251, 24.2144, 24.0879.

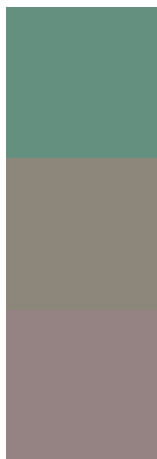


This preview shows how white text looks on a background with the XYZ color 19.1251, 24.2144,

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

19.1251, 24.2144, 24.0879

Protanopia

22.9155, 24.0557, 22.1743

Deuteranopia

24.4738, 23.9935, 24.8140



Tritanopia

21.0181, 24.3200, 33.2922

Trichromacy



Original Color

19.1251, 24.2144, 24.0879

Protanomaly

21.2476, 24.0176, 22.9180

Deuteranomaly

22.0533, 23.7649, 24.5439

Tritanomaly

20.2244, 24.2127, 29.5942

Monochromacy



Original Color

19.1251, 24.2144, 24.0879

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.9588, 22.4867, 24.0573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1251, 24.2144, 24.0879 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(100, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(100, 144, 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(100, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 144, 128) }
```

Border

The CSS property to change the border of an element to XYZ 19.1251, 24.2144, 24.0879 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(100, 144, 128) }
```


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

```
.border{ border-color:rgb(100, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 144, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 144, 128);  
box-shadow:4px 4px 4px 4px rgb(100, 144,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1251, 24.2144, 24.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 144, 128) }
```

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

```
.background{ background-color: rgb(100,  
144, 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](#).

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