

Converting Colors

XYZ(18.8641, 25.1096, 25.3844)

Have a look what the booklet for
XYZ(18.8641, 25.1096, 25.3844)
contains.

XYZ(18.9640, 25.2574, 25.3484)	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(18.9640, 25.2574,
25.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	599583
RGB	89, 149, 131
RGB Percent	35%, 58%, 51%
CMY	0.6510, 0.4157, 0.4863
CMYK	0.40, 0.00, 0.12, 0.42
HSL	162°, 25%, 47%
HSV	162°, 40%, 58%
XYZ	18.9640, 25.2574, 25.3484
YIQ	129.0080, -29.9820, -18.3180

Conversions

Conversions Part 2

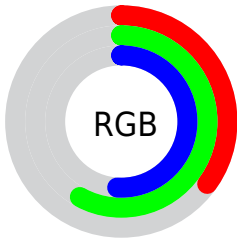
Format	Color
R_{YB}	89, 124, 149
Decimal	5870979
CIE _{Lab}	57.33, -23.89, 3.39
CIE _{LCh}	57, 24.128, 171.927
Yxy	25.2574, 0.2726, 0.3631
Android (android.graphics.Color)	4284061059 (0xFF599583)
YUV	129.0080, 0.9821, -35.0870
Hunter-Lab	50.2567, -20.5937, 5.2751

Details

The XYZ color **18.9640, 25.2574, 25.3484** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6215, 14.5965, 15.7468**, and the grayscale version is **20.8738, 21.9608, 23.9154**.

A 20% lighter version of the original color is **41.1630, 51.9233, 53.2001**, and **6.6536, 9.7379, 9.5116** is the 20% darker color. If you saturate the color by 10%, you get **17.3800, 24.4757, 23.7270**, and if you desaturate by 10%, it is **20.8519, 26.1955, 27.0534**.

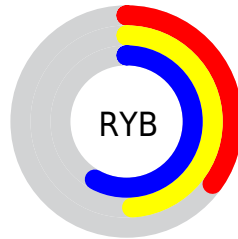
Distribution



Red (35%)

Green (58%)

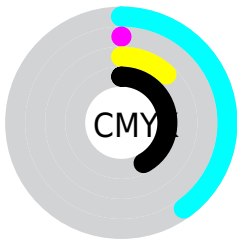
Blue (51%)



Red (35%)

Yellow (49%)

Blue (58%)

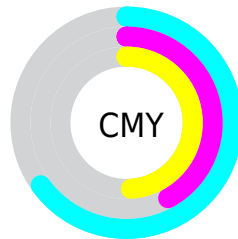


Cyan (40%)

Magenta (0%)

Yellow (12%)

Black (42%)



Cyan (65%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9640, 25.2574, 25.3484 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 18.9640, 25.2574, 25.3484 by changing the saturation by 10% instead.

■ 18.9640, 25.2574,
25.3484

■ 18.9640, 25.2574,
25.3484

239.1919,
279.1174, 293.0716

■ 11.7481, 16.2689,
16.1154

■ 41.1906, 52.0745,
53.1930

■ 6.6434, 9.7147,
9.4506

■ 56.9320, 70.6719,
72.6417

■ 3.2844, 5.2102,
4.9355

■ 76.2460, 93.2411,
96.3327

■ 1.3059, 2.3711,
2.1514

■ 99.4979, 120.1664,
124.6846

■ 0.1876, 0.8110,
0.6461

127.0531,
151.8324, 158.1159

■ 0.0000, 0.0000,
0.0000

159.2769,

188.6232, 197.0451

196.5347,
230.9234, 241.8908

■ 18.9640, 25.2574,
25.3484

■ 18.9640, 25.2574,
25.3484

■ 17.3800, 24.4757,
23.7270

■ 20.8519, 26.1955,
27.0534

■ 16.0801, 23.8384,
22.1857

■ 23.0579, 27.2955,
28.8418

■ 15.0453, 23.3362,
20.7234


■ 25.5977, 28.5659,
30.7158


■ 14.2534, 22.9578,
19.3382


■ 28.4855, 30.0142,
32.6767


■ 13.6783, 22.6897,
18.0278


■ 31.7344, 31.6471,
34.7261

 13.2618, 22.5013,
16.8206

 35.3571, 33.4711,
36.8653

 39.3655, 35.4923,
39.0955

 43.7710, 37.7166,
41.4182

 48.5846, 40.1496,
43.8345

Harmonies

Analogous

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



19.9332, 25.2574, 18.8890



18.9640, 25.2574, 25.3484



19.2588, 25.2574, 33.8098

Triad

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



18.9640, 25.2574, 25.3484



26.1185, 25.2574, 44.8464



27.5589, 25.2574, 16.8747

Complementary

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



18.9640, 25.2574, 25.3484



18.6215, 14.5965, 15.7468

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.



29.4764, 25.2574, 22.0303



18.9640, 25.2574, 25.3484



28.5998, 25.2574, 38.3986

Square

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



18.9640, 25.2574, 25.3484



23.2425, 25.2574, 46.2221



29.8717, 25.2574, 29.7722



24.7869, 25.2574, 14.6716

Rectangle

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



18.9640, 25.2574, 25.3484



20.1438, 25.2574, 39.4207



29.8717, 25.2574, 29.7722



28.3336, 25.2574, 18.2647

Sweetspot

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



18.9647, 25.2584, 25.3490



44.8934, 50.6817, 54.3307



18.7357, 25.4053, 13.3679



9.8305, 11.1725, 11.9548



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.



18.9647, 25.2584, 25.3490



31.4620, 43.9976, 42.8581



18.6339, 22.4717, 31.7902



5.8907, 6.5329, 7.0355



11.1747, 18.9427, 14.2273



0.1498, 0.2371, 0.2429

Inverse Universe

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



18.6215, 14.5965, 15.7468



30.7703, 22.2834, 23.3387



18.7556, 16.2259, 11.5950



5.8682, 5.8423, 6.4119



10.8374, 5.5400, 2.6247



0.1444, 0.0725, 0.0943

Previews

White Background



This preview shows how the XYZ color 18.9640, 25.2574, 25.3484 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 18.9640, 25.2574, 25.3484 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 18.9640, 25.2574, 25.3484

Background



This preview shows how black text looks on a background with the XYZ color 18.9640, 25.2574, 25.3484.



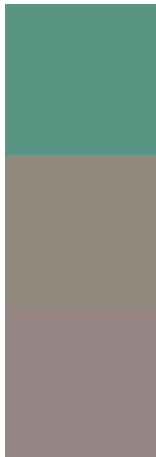
This preview shows how white text looks on a background with the XYZ color 18.9640, 25.2574,

25.3484.

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

18.9640, 25.2574, 25.3484

Protanopia

23.7391, 25.0973, 22.6619

Deuteranopia

25.4531, 25.0756, 26.0528



Tritanopia

21.0351, 25.1719, 35.6483

Trichromacy



Original Color

18.9640, 25.2574, 25.3484

Protanomaly

21.5240, 24.7930, 23.7298

Deuteranomaly

22.3683, 24.7479, 25.7882

Tritanomaly

20.1384, 25.0230, 31.7855

Monochromacy



Original Color

18.9640, 25.2574, 25.3484

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.7729, 22.7974, 24.4773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9640, 25.2574, 25.3484 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(89, 149, 131)` looks like.

```
.text, #text, p{  
    color:rgb(89, 149, 131)  
}
```

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(89, 149, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 149, 131) }
```

Border

The CSS property to change the border of an element to XYZ 18.9640, 25.2574, 25.3484 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(89, 149, 131) }
```


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

```
.border{ border-color:rgb(89, 149, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 149, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 149, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 149, 131);  
box-shadow:4px 4px 4px 4px rgb(89, 149,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9640, 25.2574, 25.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 149, 131) }
```

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

```
.background{ background-color: rgb(89, 149,  
131) }
```

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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