

Converting Colors

XYZ(18.9544, 25.4038, 24.4899)

Have a look what the booklet for
XYZ(18.9544, 25.4038, 24.4899)
contains.

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Color

**XYZ(19.0191, 25.5449,
24.3503)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9680
RGB	90, 150, 128
RGB Percent	35%, 59%, 50%
CMY	0.6471, 0.4118, 0.4980
CMYK	0.40, 0.00, 0.15, 0.41
HSL	158°, 25%, 47%
HSV	158°, 40%, 59%
XYZ	19.0191, 25.5449, 24.3503
YIQ	129.5520, -28.6980, -19.5620

Conversions

Conversions Part 2

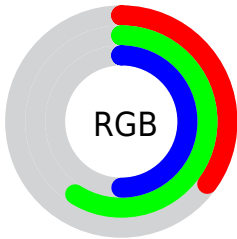
Format	Color
R_{YB}	90, 127, 150
Decimal	5936768
CIE _{Lab}	57.60, -24.80, 5.50
CIE _{LCh}	58, 25.404, 167.490
Yxy	25.5449, 0.2760, 0.3707
Android (android.graphics.Color)	4284126848 (0xFF5A9680)
YUV	129.5520, -0.7651, -34.6871
Hunter-Lab	50.5420, -21.2783, 6.8144

Details

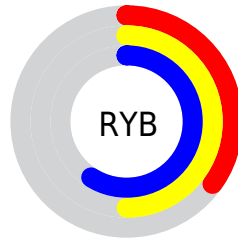
The XYZ color **19.0191, 25.5449, 24.3503** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.1594, 14.9669, 17.2094**, and the grayscale version is **21.0705, 22.1678, 24.1407**.

A 20% lighter version of the original color is **41.2610, 52.3616, 51.6482**, and **6.7098, 9.9195, 8.9582** is the 20% darker color. If you saturate the color by 10%, you get **17.3526, 24.7271, 22.4337**, and if you desaturate by 10%, it is **21.0012, 26.5244, 26.3853**.

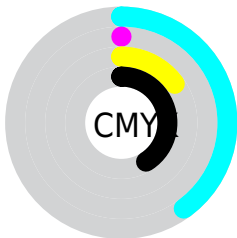
Distribution



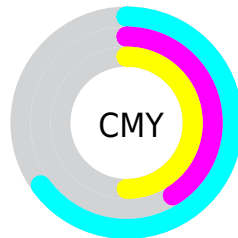
- Red (35%)
- Green (59%)
- Blue (50%)



- Red (35%)
- Yellow (50%)
- Blue (59%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0191, 25.5449, 24.3503 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 19.0191, 25.5449, 24.3503 by changing the saturation by 10% instead.

■ 19.0191, 25.5449,
24.3503

■ 19.0191, 25.5449,
24.3503

239.4903,
280.5408, 287.9301

■ 11.7882, 16.4835,
15.3791

■ 41.2830, 52.5398,
51.5522

■ 6.6708, 9.8669,
8.9363

■ 57.0467, 71.2422,
70.6200

■ 3.3016, 5.3108,
4.6034

■ 76.3853, 93.9269,
93.8904

■ 1.3152, 2.4308,
1.9619

■ 99.6642, 120.9785,
121.7819

■ 0.1945, 0.8416,
0.5317

127.2489,
152.7812, 154.7131

■ 0.0000, 0.0000,
0.0000

159.5045,

189.7196, 193.1025

196.7965,
232.1780, 237.3686

■ 19.0191, 25.5449,
24.3503

■ 19.0191, 25.5449,
24.3503

■ 17.3526, 24.7271,
22.4337

■ 21.0012, 26.5244,
26.3853

■ 15.9813, 24.0587,
20.6312

■ 23.3132, 27.6710,
28.5392

■ 14.8859, 23.5303,
18.9408

■ 25.9715, 28.9938,
30.8149

■ 14.0437, 23.1303,
17.3599

■ 28.9903, 30.5001,
33.2146

■ 13.4283, 22.8450,
15.8854

■ 32.3833, 32.1968,
35.7403

■ 12.9723, 22.6398,
14.5123

■ 36.1634, 34.0907,
38.3942

■ 12.9723, 22.6398,
14.5123

■ 40.3428, 36.1880,
41.1781

■ 44.9332, 38.4946,
44.0941

■ 49.9459, 41.0164,
47.1441

Harmonies

Analogous

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



20.2289, 25.5449, 17.9847



19.0191, 25.5449, 24.3503



19.1308, 25.5449, 33.1422

Triad

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



19.0191, 25.5449, 24.3503



26.0751, 25.5449, 46.9814



28.4380, 25.5449, 17.2283

Complementary

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



19.0191, 25.5449, 24.3503



19.1594, 14.9669, 17.2094

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.



30.2783, 25.5449, 23.0899



19.0191, 25.5449, 24.3503



28.8380, 25.5449, 40.6971

Square

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



19.0191, 25.5449, 24.3503



23.0380, 25.5449, 47.5162



30.4305, 25.5449, 31.5916



25.5651, 25.5449, 14.4860

Rectangle

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



19.0191, 25.5449, 24.3503



19.9395, 25.5449, 39.2694



30.4305, 25.5449, 31.5916



29.2079, 25.5449, 18.8360

Sweetspot

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



19.0198, 25.5459, 24.3509



44.7285, 50.6157, 53.4621



19.5627, 26.0627, 13.6728



9.7908, 11.1566, 11.7455



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.



19.0198, 25.5459, 24.3509



30.9071, 43.7756, 39.9358



19.5448, 24.0216, 32.4619



5.8748, 6.5265, 6.9515



10.7743, 18.7825, 12.1187



0.1461, 0.2356, 0.2233

Inverse Universe

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



19.1594, 14.9669, 17.2094



31.1940, 22.4529, 25.5697



18.6986, 15.7723, 11.7321



5.8835, 5.8485, 6.4925



11.0181, 5.6123, 3.5763



0.1482, 0.0740, 0.1139

Previews

White Background



This preview shows how the XYZ color 19.0191, 25.5449, 24.3503 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 19.0191, 25.5449, 24.3503 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 19.0191, 25.5449, 24.3503

Background



This preview shows how black text looks on a background with the XYZ color 19.0191, 25.5449, 24.3503.



This preview shows how white text looks on a background with the XYZ color 19.0191, 25.5449,

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

19.0191, 25.5449, 24.3503

Protanopia

23.8985, 25.2011, 21.6939

Deuteranopia

25.6893, 25.2133, 25.3425



Tritanopia

21.3802, 25.5678, 36.1560

Trichromacy



Original Color

19.0191, 25.5449, 24.3503

Protanomaly

21.6233, 25.0863, 22.7713

Deuteranomaly

22.5353, 24.8498, 25.0815

Tritanomaly

20.3163, 25.3537, 31.4267

Monochromacy



Original Color

19.0191, 25.5449, 24.3503

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.9783, 23.1211, 24.1787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0191, 25.5449, 24.3503 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(90, 150, 128)` looks like.

```
.text, #text, p{  
  color:rgb(90, 150, 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(90, 150, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 150, 128) }
```

Border

The CSS property to change the border of an element to XYZ 19.0191, 25.5449, 24.3503 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(90, 150, 128) }
```


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

```
.border{ border-color:rgb(90, 150, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 150, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 150, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 150, 128);  
box-shadow:4px 4px 4px 4px rgb(90, 150,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0191, 25.5449, 24.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 150, 128) }
```

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

```
.background{ background-color: rgb(90, 150,  
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](#).

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