

Converting Colors

XYZ(19.2592, 25.4149, 25.1496)

Have a look what the booklet for
XYZ(19.2592, 25.4149, 25.1496)
contains.

XYZ(19.1903, 25.3819, 25.0069)	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(19.1903, 25.3819,
25.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9582
RGB	92, 149, 130
RGB Percent	36%, 58%, 51%
CMY	0.6392, 0.4157, 0.4902
CMYK	0.38, 0.00, 0.13, 0.42
HSL	160°, 24%, 47%
HSV	160°, 38%, 58%
XYZ	19.1903, 25.3819, 25.0069
YIQ	129.7910, -27.8730, -17.9930

Conversions

Conversions Part 2

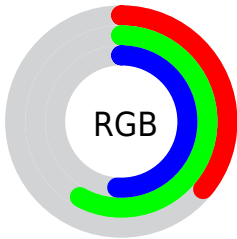
Format	Color
R_{YB}	92, 126, 149
Decimal	6067586
CIE _{Lab}	57.45, -23.25, 4.15
CIE _{LCh}	57, 23.617, 169.877
Yxy	25.3819, 0.2758, 0.3648
Android (android.graphics.Color)	4284257666 (0xFF5C9582)
YUV	129.7910, 0.1030, -33.1427
Hunter-Lab	50.3805, -20.1738, 5.8371

Details

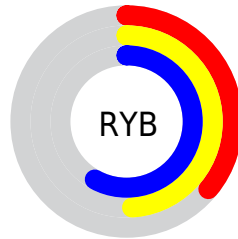
The XYZ color **19.1903, 25.3819, 25.0069** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0916, 15.1921, 16.9659**, and the grayscale version is **21.1515, 22.2530, 24.2335**.

A 20% lighter version of the original color is **41.5802, 52.1505, 52.6743**, and **6.7673, 9.8009, 9.3197** is the 20% darker color. If you saturate the color by 10%, you get **17.5205, 24.5593, 23.2305**, and if you desaturate by 10%, it is **21.1704, 26.3639, 26.8829**.

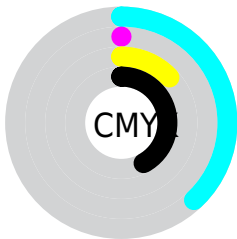
Distribution



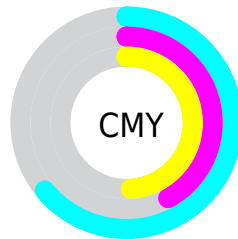
- Red (36%)
- Green (58%)
- Blue (51%)



- Red (36%)
- Yellow (49%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1903, 25.3819, 25.0069 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 19.1903, 25.3819, 25.0069 by changing the saturation by 10% instead.

■ 19.1903, 25.3819,
25.0069

■ 19.1903, 25.3819,
25.0069

240.4153,
279.7345, 291.3211

■ 11.9127, 16.3618,
15.8631

■ 41.5698, 52.2761,
52.6327

■ 6.7560, 9.7805,
9.2740

■ 57.4024, 70.9190,
71.9518

■ 3.3550, 5.2537,
4.8211

■ 76.8174, 93.5383,
95.4997

■ 1.3441, 2.3969,
2.0858

■ 100.1801,
120.5184, 123.6950

■ 0.2159, 0.8243,
0.6073

127.8559,
152.2437, 156.9563

■ 0.0000, 0.0000,
0.0000

160.2101,

189.0985, 195.7020

197.6081,
231.4673, 240.3508

■ 19.1903, 25.3819,
25.0069

■ 19.1903, 25.3819,
25.0069

■ 17.5205, 24.5593,
23.2305

■ 21.1704, 26.3639,
26.8829

■ 16.1414, 23.8841,
21.5501

■ 23.4748, 27.5105,
28.8588

■ 15.0344, 23.3474,
19.9640

■ 26.1190, 28.8304,
30.9368

■ 14.1778, 22.9380,
18.4701

■ 29.1170, 30.3307,
33.1189

■ 13.5465, 22.6430,
17.0660

■ 32.4820, 32.0183,
35.4065

■ 13.0903, 22.4366,
15.7479

■ 36.2266, 33.8995,
37.8016

■ 13.0160, 22.4030,
15.5261

■ 40.3625, 35.9805,
40.3055

■ 44.9011, 38.2671,
42.9199

■ 49.8534, 40.7649,
45.6463

Harmonies

Analogous

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



20.2271, 25.3819, 18.8214



19.1903, 25.3819, 25.0069



19.3950, 25.3819, 33.2346

Triad

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



19.1903, 25.3819, 25.0069



26.0075, 25.3819, 44.8782



27.7741, 25.3819, 17.4186

Complementary

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



19.1903, 25.3819, 25.0069



19.0916, 15.1921, 16.9659

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.



29.5669, 25.3819, 22.7054



19.1903, 25.3819, 25.0069



28.4934, 25.3819, 38.8471

Square

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



19.1903, 25.3819, 25.0069



23.1881, 25.3819, 45.8249



29.8399, 25.3819, 30.4444



25.0862, 25.3819, 15.0380

Rectangle

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



19.1903, 25.3819, 25.0069



20.2139, 25.3819, 38.7834



29.8399, 25.3819, 30.4444



28.5100, 25.3819, 18.8607

Sweetspot

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



19.1910, 25.3829, 25.0075



45.3034, 50.8946, 54.2778



19.3557, 25.7101, 14.0679



9.9114, 11.2148, 11.9289



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.



19.1910, 25.3829, 25.0075



31.7405, 44.1601, 42.0119



19.2832, 23.3341, 31.9226



5.8827, 6.5297, 6.9935



10.9684, 18.8602, 13.1412



0.1480, 0.2363, 0.2331

Inverse Universe

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



19.0916, 15.1921, 16.9659



31.5419, 23.2069, 25.5066



18.9370, 16.3830, 12.2896



5.8758, 5.8454, 6.4521



10.9229, 5.5742, 3.0749



0.1463, 0.0733, 0.1041

Previews

White Background



This preview shows how the XYZ color 19.1903, 25.3819, 25.0069 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 19.1903, 25.3819, 25.0069 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 19.1903, 25.3819, 25.0069

Background



This preview shows how black text looks on a background with the XYZ color 19.1903, 25.3819, 25.0069.



This preview shows how white text looks on a background with the XYZ color 19.1903, 25.3819,

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

19.1903, 25.3819, 25.0069

Protanopia

23.9114, 25.1862, 22.6699

Deuteranopia

25.5701, 25.1439, 25.6959



Tritanopia

21.2482, 25.2818, 35.6583

Trichromacy



Original Color

19.1903, 25.3819, 25.0069

Protanomaly

21.6030, 24.8412, 23.3949

Deuteranomaly

22.6034, 24.8770, 25.4402

Tritanomaly

20.3692, 25.1511, 31.3848

Monochromacy



Original Color

19.1903, 25.3819, 25.0069

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.1774, 23.2160, 24.5368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1903, 25.3819, 25.0069 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(92, 149, 130)` looks like.

```
.text, #text, p{  
    color:rgb(92, 149, 130)  
}
```

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(92, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 149, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.1903, 25.3819, 25.0069 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(92, 149, 130) }
```


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

```
.border{ border-color:rgb(92, 149, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 149, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 149, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 149, 130);  
box-shadow:4px 4px 4px 4px rgb(92, 149,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1903, 25.3819, 25.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 149, 130) }
```

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

```
.background{ background-color: rgb(92, 149,  
130) }
```

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