

Converting Colors

XYZ(19.4130, 25.0486, 40.0485)

Have a look what the booklet for
XYZ(19.4130, 25.0486, 40.0485)
contains.

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Color

**XYZ(19.4340, 25.1779,
39.9119)**

Conversions

Conversions Part 1

Format	Color
Hex	3B95A6
RGB	59, 149, 166
RGB Percent	23%, 58%, 65%
CMY	0.7686, 0.4157, 0.3490
CMYK	0.64, 0.10, 0.00, 0.35
HSL	190°, 48%, 44%
HSV	190°, 64%, 65%
XYZ	19.4340, 25.1779, 39.9119
YIQ	124.0280, -59.0970, -13.7930

Conversions

Conversions Part 2

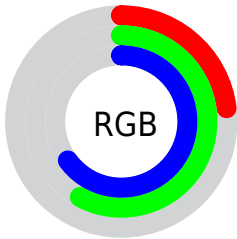
Format	Color
R _Y B	59, 108, 166
Decimal	3904934
CIE Lab	57.25, -21.16, -16.84
CIE LCh	57, 27.048, 218.517
Yxy	25.1779, 0.2299, 0.2979
Android (android.graphics.Color)	4282095014 (0xFF3B95A6)
YUV	124.0280, 20.6922, -57.0296
Hunter-Lab	50.1776, -18.6769, -12.0357

Details

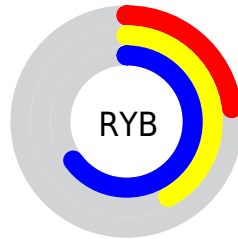
The XYZ color **19.4340, 25.1779, 39.9119** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **19.1003, 13.5923, 5.7553**, and the grayscale version is **19.1157, 20.1112, 21.9011**.

A 20% lighter version of the original color is **41.8783, 51.7839, 76.1947**, and **7.4049, 9.9503, 17.4499** is the 20% darker color. If you saturate the color by 10%, you get **18.1898, 23.9246, 39.7360**, and if you desaturate by 10%, it is **21.0021, 26.6133, 40.1068**.

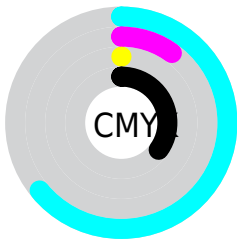
Distribution



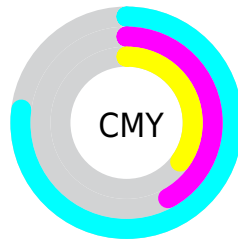
- Red (23%)
- Green (58%)
- Blue (65%)



- Red (23%)
- Yellow (42%)
- Blue (65%)



- Cyan (64%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (77%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4340, 25.1779, 39.9119 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 19.4340, 25.1779, 39.9119 by changing the saturation by 10% instead.

■ 19.4340, 25.1779,
39.9119

■ 19.4340, 25.1779,
39.9119

241.7267,
278.7227, 361.2932

■ 12.0902, 16.2096,
27.1566

■ 41.9774, 51.9457,
76.2650

■ 6.8777, 9.6726,
17.4574

■ 57.9077, 70.5140,
100.6998

■ 3.4314, 5.1824,
10.3957

■ 77.4308, 93.0511,
129.8649

■ 1.3858, 2.3547,
5.5531

■ 100.9121,
119.9415, 164.1788

■ 0.2461, 0.8024,
2.5109

■ 128.7171,
151.5694, 204.0600

■ 0.0000, 0.0000,
0.8459

161.2109,

■ 0.0000, 0.0000,

188.3193, 249.9271

0.0000

198.7590,
230.5756, 302.1987

■ 19.4340, 25.1779,
39.9119

■ 19.4340, 25.1779,
39.9119

■ 18.1898, 23.9246,
39.7360

■ 21.0021, 26.6133,
40.1068

■ 17.2361, 22.8344,
39.5759

■ 22.9186, 28.2419,
40.3201

■ 16.5365, 21.8891,
39.4303

■ 25.2083, 30.0770,
40.5537

■ 16.2069, 21.4009,
39.3534

■ 27.8930, 32.1302,
40.8085

■ 30.9930, 34.4117,
41.0855

■ 34.5268, 36.9315,
41.3856

■ 38.5123, 39.6985,
41.7096

■ 42.9658, 42.7216,
42.0584

■ 47.9032, 46.0088,
42.4326

Harmonies

Analogous

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



18.3491, 25.1779, 30.1069



19.4340, 25.1779, 39.9119



21.7484, 25.1779, 47.2886

Triad

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



19.4340, 25.1779, 39.9119



30.1223, 25.1779, 34.3843



23.0314, 25.1779, 13.4237

Complementary

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



19.4340, 25.1779, 39.9119



19.1003, 13.5923, 5.7553

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.



26.2546, 25.1779, 14.0734



19.4340, 25.1779, 39.9119



30.5433, 25.1779, 24.8875

Square

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



19.4340, 25.1779, 39.9119



27.9690, 25.1779, 43.6346



29.0728, 25.1779, 17.8431



20.3014, 25.1779, 15.8132

Rectangle

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



19.4340, 25.1779, 39.9119



23.7721, 25.1779, 49.0619



29.0728, 25.1779, 17.8431



24.0903, 25.1779, 13.3070

Sweetspot

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



19.4348, 25.1788, 39.9125



53.3965, 60.3721, 74.3140



16.7122, 28.7115, 11.3275



11.6076, 13.2576, 16.5993



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.4348, 25.1788, 39.9125



32.2644, 42.5998, 71.9974



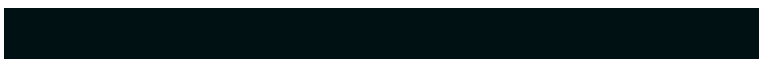
12.9114, 12.1320, 37.7380



7.6446, 8.3261, 9.6225



12.5956, 16.6515, 30.5257



0.3328, 0.4578, 0.7515

Inverse Universe

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



22.7153, 13.4056, 29.8251



38.9953, 20.7100, 50.7920



24.3071, 24.0058, 7.4909



7.7899, 7.6458, 9.2111



15.8583, 7.7520, 19.8631



0.3991, 0.1939, 0.5533

Previews

White Background



This preview shows how the XYZ color 19.4340, 25.1779, 39.9119 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 19.4340, 25.1779, 39.9119 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 19.4340, 25.1779, 39.9119

Background



This preview shows how black text looks on a background with the XYZ color 19.4340, 25.1779, 39.9119.

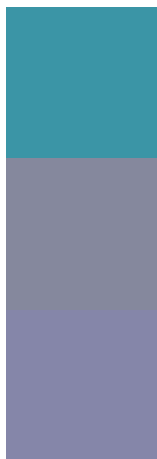


This preview shows how white text looks on a background with the XYZ color 19.4340, 25.1779,

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

19.4340, 25.1779, 39.9119

Protanopia

24.5628, 25.0292, 35.4348

Deuteranopia

25.3594, 24.9013, 41.0060



Tritanopia

19.1153, 25.2912, 38.0566

Trichromacy



Original Color

19.4340, 25.1779, 39.9119

Protanomaly

21.8139, 24.6520, 36.8663

Deuteranomaly

22.2444, 24.3566, 40.5747

Tritanomaly

19.2621, 25.3566, 38.5294

Monochromacy



Original Color

19.4340, 25.1779, 39.9119

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3033, 21.3485, 27.5821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4340, 25.1779, 39.9119 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(59, 149, 166)` looks like.

```
.text, #text, p{  
    color:rgb(59, 149, 166)  
}
```

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(59, 149, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 149, 166) }
```

Border

The CSS property to change the border of an element to XYZ 19.4340, 25.1779, 39.9119 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(59, 149, 166) }
```


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

```
.border{ border-color:rgb(59, 149, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 149, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 149, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 149, 166);  
box-shadow:4px 4px 4px 4px rgb(59, 149,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4340, 25.1779, 39.9119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 149, 166) }
```

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

```
.background{ background-color: rgb(59, 149,  
166) }
```

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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