

Converting Colors

XYZ(19.9139, 25.4168, 19.1856)

Have a look what the booklet for
XYZ(19.9139, 25.4168, 19.1856)
contains.

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Color

**XYZ(19.9139, 25.4168,
19.1856)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9370
RGB	111, 147, 112
RGB Percent	44%, 58%, 44%
CMY	0.5647, 0.4235, 0.5608
CMYK	0.24, 0.00, 0.24, 0.42
HSL	122°, 14%, 51%
HSV	122°, 24%, 58%
XYZ	19.9139, 25.4168, 19.1856
YIQ	132.2460, -10.2210, -18.5170

Conversions

Conversions Part 2

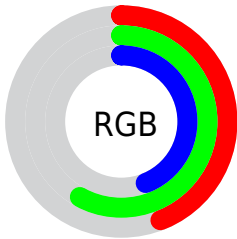
Format	Color
R_{YB}	111, 146, 147
Decimal	7312240
CIE _{Lab}	57.48, -19.75, 14.56
CIE _{LCh}	57, 24.542, 143.600
Yxy	25.4168, 0.3087, 0.3940
Android (android.graphics.Color)	4285502320 (0xFF6F9370)
YUV	132.2460, -9.9813, -18.6327
Hunter-Lab	50.4151, -17.7191, 12.7276

Details

The XYZ color **19.9139, 25.4168, 19.1856** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9062, 19.6478, 29.7803**, and the grayscale version is **22.0590, 23.2078, 25.2733**.

A 20% lighter version of the original color is **42.6917, 52.2402, 42.9552**, and **7.0949, 9.7600, 6.3604** is the 20% darker color. If you saturate the color by 10%, you get **17.4807, 24.2479, 15.2425**, and if you desaturate by 10%, it is **22.7792, 26.7953, 23.8094**.

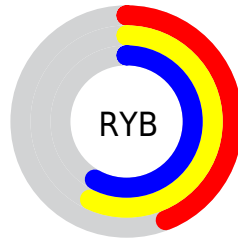
Distribution



Red (44%)

Green (58%)

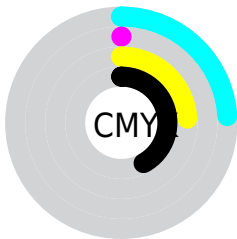
Blue (44%)



Red (44%)

Yellow (57%)

Blue (58%)

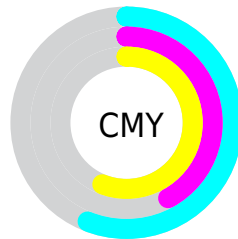


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (42%)



Cyan (56%)

Magenta (42%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9139, 25.4168, 19.1856 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 19.9139, 25.4168, 19.1856 by changing the saturation by 10% instead.

■ 19.9139, 25.4168,
19.1856

■ 19.9139, 25.4168,
19.1856

244.2911,
279.9073, 259.9283

■ 12.4404, 16.3879,
11.6263

■ 42.7778, 52.3326,
42.8884

■ 7.1187, 9.7990,
6.3703

■ 58.8989, 70.9882,
59.8689

■ 3.5834, 5.2659,
2.9991

■ 78.6333, 93.6216,
80.8269

■ 1.4693, 2.4041,
1.0942

■ 102.3462,
120.6170, 106.1810

■ 0.3048, 0.8280,
0.0000

130.4031,
152.3589, 136.3496

■ 0.0000, 0.0000,
0.0000

163.1693,

189.2316, 171.7513

201.0102,
231.6196, 212.8047

■ 19.9139, 25.4168,
19.1856

■ 19.9139, 25.4168,
19.1856

■ 17.4807, 24.2479,
15.2425

■ 22.7792, 26.7953,
23.8094

■ 15.4567, 23.2754,
11.9464

■ 26.0941, 28.3896,
29.1421

■ 13.8202, 22.4894,
9.2632

■ 29.8774, 30.2095,
35.2124

■ 12.5463, 21.8781,
7.1553

■ 34.1463, 32.2633,
42.0469

■ 11.6075, 21.4280,
5.5804

■ 38.9172, 34.5590,
49.6708

■ 10.9722, 21.1239,
4.4911

■ 44.2057, 37.1041,
58.1082

■ 10.6017, 20.9471,
3.8309

■ 50.0267, 39.9057,
67.3823

■ 10.4566, 20.8774,
3.5959

■ 56.3945, 42.9707,
77.5151

■ 63.3229, 46.3058,
88.5281

Harmonies

Analogous

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



21.9787, 25.4168, 15.3980



19.9139, 25.4168, 19.1856



18.9959, 25.4168, 25.9201

Triad

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



19.9139, 25.4168, 19.1856



23.5373, 25.4168, 46.9317



29.6780, 25.4168, 21.7223

Complementary

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



19.9139, 25.4168, 19.1856



22.9062, 19.6478, 29.7803

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.



30.1794, 25.4168, 29.5064



19.9139, 25.4168, 19.1856



26.4766, 25.4168, 45.1836

Square

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



19.9139, 25.4168, 19.1856



20.9763, 25.4168, 42.7430



28.9657, 25.4168, 38.3578



27.6460, 25.4168, 16.6430

Rectangle

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



19.9139, 25.4168, 19.1856



19.1004, 25.4168, 31.6311



28.9657, 25.4168, 38.3578



30.0376, 25.4168, 24.0625

Sweetspot

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



19.9146, 25.4179, 19.1862



45.0734, 50.0432, 49.5267



25.2294, 28.1642, 19.1457



10.2180, 11.3895, 11.1913



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.



19.9146, 25.4179, 19.1862



33.3432, 44.4028, 30.6040



20.9925, 25.8490, 24.8623



5.7357, 6.4709, 6.2193



9.0665, 18.0994, 3.1256



0.1123, 0.2220, 0.0451

Inverse Universe

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



22.9062, 19.6478, 29.7803



39.5855, 32.3623, 52.7086



21.6405, 19.1415, 23.1152



6.0284, 5.9064, 7.2558



14.7259, 7.0954, 23.1014



0.1820, 0.0876, 0.2921

Previews

White Background



This preview shows how the XYZ color 19.9139, 25.4168, 19.1856 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 19.9139, 25.4168, 19.1856 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 19.9139, 25.4168, 19.1856

Background



This preview shows how black text looks on a background with the XYZ color 19.9139, 25.4168, 19.1856.



This preview shows how white text looks on a background with the XYZ color 19.9139, 25.4168,

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

19.9139, 25.4168, 19.1856

Protanopia

23.6321, 25.1559, 17.5199

Deuteranopia

25.6439, 25.1113, 19.7150



Tritanopia

22.8940, 25.4975, 33.8519

Trichromacy



Original Color

19.9139, 25.4168, 19.1856

Protanomaly

22.1167, 25.2222, 18.1707

Deuteranomaly

23.1383, 24.8570, 19.4980

Tritanomaly

21.6309, 25.4263, 27.8125

Monochromacy



Original Color

19.9139, 25.4168, 19.1856

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.9595, 23.6571, 22.8636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9139, 25.4168, 19.1856 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(111, 147, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 147, 112)  
}
```

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(111, 147, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 147, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.9139, 25.4168, 19.1856 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(111, 147, 112) }
```


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

```
.border{ border-color:rgb(111, 147, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 147, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 147, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 147, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 147,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9139, 25.4168, 19.1856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 147, 112) }
```

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

```
.background{ background-color: rgb(111,  
147, 112) }
```

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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