

Converting Colors

XYZ(19.4615, 26.6050, 19.4388)

Have a look what the booklet for
XYZ(19.4615, 26.6050, 19.4388)
contains.

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Color

**XYZ(19.4615, 26.6050,
19.4388)**

Conversions

Conversions Part 1

Format	Color
Hex	639970
RGB	99, 153, 112
RGB Percent	39%, 60%, 44%
CMY	0.6118, 0.4000, 0.5608
CMYK	0.35, 0.00, 0.27, 0.40
HSL	134°, 21%, 49%
HSV	134°, 35%, 60%
XYZ	19.4615, 26.6050, 19.4388
YIQ	132.1800, -19.0230, -24.1990

Conversions

Conversions Part 2

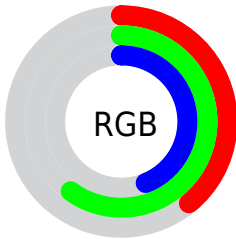
Format	Color
R _Y B	99, 143, 153
Decimal	6527344
CIE _{Lab}	58.61, -26.88, 16.02
CIE _{LCh}	59, 31.290, 149.211
Y _{xy}	26.6050, 0.2971, 0.4062
Android (android.graphics.Color)	4284717424 (0xFF639970)
Y _{UV}	132.1800, -9.9487, -29.0989
Hunter-Lab	51.5800, -22.9158, 13.7616

Details

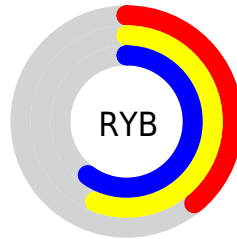
The XYZ color **19.4615, 26.6050, 19.4388** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.3333, 17.5901, 27.0303**, and the grayscale version is **22.0374, 23.1851, 25.2485**.

A 20% lighter version of the original color is **42.2056, 54.4675, 43.4108**, and **6.9434, 10.5259, 6.5162** is the 20% darker color. If you saturate the color by 10%, you get **17.3401, 25.5821, 16.1783**, and if you desaturate by 10%, it is **21.9845, 27.8268, 23.1549**.

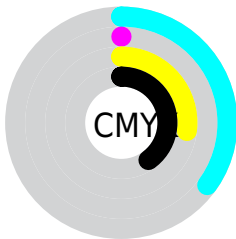
Distribution



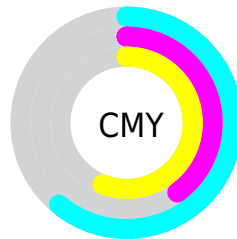
- Red (39%)
- Green (60%)
- Blue (44%)



- Red (39%)
- Yellow (56%)
- Blue (60%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4615, 26.6050, 19.4388 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 19.4615, 26.6050, 19.4388 by changing the saturation by 10% instead.

■ 19.4615, 26.6050,
19.4388

■ 19.4615, 26.6050,
19.4388

241.8743,
285.7395, 261.3636

■ 12.1102, 17.2768,
11.8078

■ 42.0234, 54.2494,
43.3208

■ 6.8915, 10.4320,
6.4920

■ 57.9646, 73.3343,
60.4088

■ 3.4401, 5.6863,
3.0729

■ 77.4999, 96.4403,
81.4863

■ 1.3905, 2.6553,
1.1320

■ 100.9946,
123.9517, 106.9717

■ 0.2495, 0.9545,
0.0000

128.8140,
156.2529, 137.2836

■ 0.0000, 0.0000,
0.0000

161.3235,

193.7284, 172.8405

198.8885,
236.7624, 214.0610

■ 19.4615, 26.6050,
19.4388

■ 19.4615, 26.6050,
19.4388

■ 17.3401, 25.5821,
16.1783

■ 21.9845, 27.8268,
23.1549

■ 15.5971, 24.7443,
13.3542

■ 24.9265, 29.2538,
27.3415

■ 14.2101, 24.0811,
10.9482

■ 28.3065, 30.8963,
32.0148

■ 13.1534, 23.5796,
8.9405

■ 32.1416, 32.7628,
37.1898

■ 12.3976, 23.2254,
7.3093

■ 36.4479, 34.8613,
42.8810

■ 11.9052, 22.9993,
6.0305

■ 41.2410, 37.1995,
49.1020

■ 11.7231, 22.9160,
5.5419

■ 46.5356, 39.7847,
55.8662

■ 52.3456, 42.6239,
63.1863

■ 58.6846, 45.7237,
71.0747

Harmonies

Analogous

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



21.8533, 26.6050, 14.1573



19.4615, 26.6050, 19.4388



18.6014, 26.6050, 28.6781

Triad

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



19.4615, 26.6050, 19.4388



25.1857, 26.6050, 55.6641



32.2926, 26.6050, 19.8279

Complementary

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



19.4615, 26.6050, 19.4388



22.3333, 17.5901, 27.0303

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.



33.4093, 26.6050, 29.2604



19.4615, 26.6050, 19.4388



29.0633, 26.6050, 51.6144

Square

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



19.4615, 26.6050, 19.4388



21.6939, 26.6050, 51.1877



32.1731, 26.6050, 41.1926



29.2569, 26.6050, 14.3387

Rectangle

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



19.4615, 26.6050, 19.4388



18.9378, 26.6050, 36.4958



32.1731, 26.6050, 41.1926



32.9176, 26.6050, 22.5543

Sweetspot

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



19.4622, 26.6061, 19.4394



47.0100, 53.5397, 52.2687



24.5272, 29.2949, 16.1665



10.2205, 11.7444, 11.3196



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.4622, 26.6061, 19.4394



31.9249, 46.2329, 30.3377



21.1687, 27.2887, 28.4257



6.1901, 6.9488, 6.9245



9.7000, 18.9434, 4.6407



0.1576, 0.2882, 0.1355

Inverse Universe

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



22.3333, 17.5901, 27.0303



37.8142, 27.7188, 45.8935



20.6028, 16.8979, 17.9174



6.3976, 6.2982, 7.4740



13.4843, 6.6480, 14.3413



0.2154, 0.1049, 0.2869

Previews

White Background



This preview shows how the XYZ color 19.4615, 26.6050, 19.4388 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 19.4615, 26.6050, 19.4388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

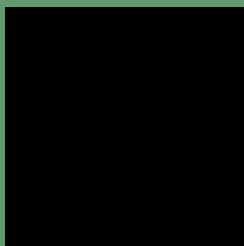
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4615, 26.6050, 19.4388

Background



This preview shows how black text looks on a background with the XYZ color 19.4615, 26.6050, 19.4388.



This preview shows how white text looks on a background with the XYZ color 19.4615, 26.6050,

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

19.4615, 26.6050, 19.4388

Protanopia

24.5573, 26.2808, 17.4141

Deuteranopia

26.7167, 26.2703, 20.1855



Tritanopia

22.9984, 26.6219, 36.7273

Trichromacy



Original Color

19.4615, 26.6050, 19.4388

Protanomaly

22.1922, 26.1588, 18.0669

Deuteranomaly

23.4150, 26.0728, 20.0181

Tritanomaly

21.4556, 26.4511, 29.5659

Monochromacy



Original Color

19.4615, 26.6050, 19.4388

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.8255, 24.2299, 22.9813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4615, 26.6050, 19.4388 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(99, 153, 112)` looks like.

```
.text, #text, p{  
    color:rgb(99, 153, 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(99, 153, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 153, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.4615, 26.6050, 19.4388 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(99, 153, 112) }
```


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

```
.border{ border-color:rgb(99, 153, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 153, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 153, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 153, 112);  
box-shadow:4px 4px 4px 4px rgb(99, 153,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4615, 26.6050, 19.4388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 153, 112) }
```

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

```
.background{ background-color: rgb(99, 153,  
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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