

Converting Colors

XYZ(15.4527, 19.2380, 15.0198)

Have a look what the booklet for
XYZ(15.4527, 19.2380, 15.0198)
contains.

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Color

**XYZ(15.3862, 19.1251,
14.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	658064
RGB	101, 128, 100
RGB Percent	40%, 50%, 39%
CMY	0.6039, 0.4980, 0.6078
CMYK	0.21, 0.00, 0.22, 0.50
HSL	118°, 12%, 45%
HSV	118°, 22%, 50%
XYZ	15.3862, 19.1251, 14.9372
YIQ	116.7350, -7.1040, -14.4320

Conversions

Conversions Part 2

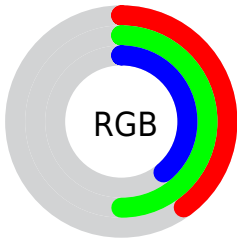
Format	Color
RYB	100, 128, 127
Decimal	6652004
CIELab	50.83, -15.57, 12.08
CIElCh	51, 19.710, 142.199
Yxy	19.1251, 0.3112, 0.3868
Android (android.graphics.Color)	4284842084 (0xFF658064)
YUV	116.7350, -8.2504, -13.7996
Hunter-Lab	43.7323, -13.7303, 10.3615

Details

The XYZ color **15.3862, 19.1251, 14.9372** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.2067, 15.1855, 22.4472**, and the grayscale version is **16.8532, 17.7309, 19.3089**.

A 20% lighter version of the original color is **35.0587, 41.9575, 35.5290**, and **4.9068, 6.6059, 4.3846** is the 20% darker color. If you saturate the color by 10%, you get **13.5350, 18.2374, 11.8667**, and if you desaturate by 10%, it is **17.5434, 20.1604, 18.5310**.

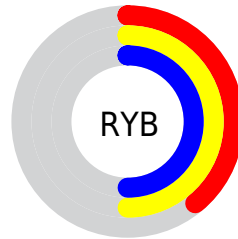
Distribution



Red (40%)

Green (50%)

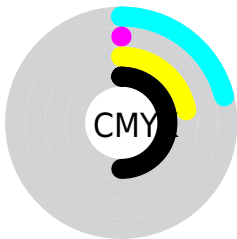
Blue (39%)



Red (39%)

Yellow (50%)

Blue (50%)

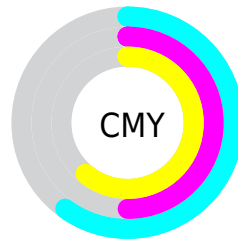


Cyan (21%)

Magenta (0%)

Yellow (22%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3862, 19.1251, 14.9372 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 15.3862, 19.1251, 14.9372 by changing the saturation by 10% instead.

■ 15.3862, 19.1251,
14.9372

■ 15.3862, 19.1251,
14.9372

219.0344,
247.1385, 234.6135

■ 9.1790, 11.7607,
8.6292

■ 35.0954, 41.9454,
35.4837

■ 4.9161, 6.5810,
4.4066

■ 49.3281, 58.1701,
50.5593

■ 2.2324, 3.2014,
1.8510

■ 66.9666, 78.1170,
69.3945

■ 0.7597, 1.2378,
0.4613

■ 88.3763, 102.1705,
92.4078

■ 0.0000, 0.0922,
0.0000

113.9226,
130.7150, 120.0179

■ 0.0000, 0.0000,
0.0000

143.9708,

164.1349, 152.6431

178.8863,
202.8146, 190.7021

■ 15.3862, 19.1251,
14.9372

■ 15.3862, 19.1251,
14.9372

■ 13.5350, 18.2374,
11.8667

■ 17.5434, 20.1604,
18.5310

■ 11.9745, 17.4883,
9.2940

■ 20.0180, 21.3471,
22.6696

■ 10.6905, 16.8715,
7.1932

■ 22.8225, 22.6916,
27.3747

■ 9.6667, 16.3793,
5.5357

■ 25.9687, 24.1997,
32.6667

■ 8.8854, 16.0033,
4.2897

■ 29.4673, 25.8763,
38.5648

■ 8.3266, 15.7339,
3.4192

■ 33.3288, 27.7267,
45.0872

■ 7.9670, 15.5601,
2.8822

■ 37.5633, 29.7555,
52.2517

■ 7.7767, 15.4685,
2.5759

■ 42.1805, 31.9673,
60.0751

■ 47.1896, 34.3667,
68.5736

Harmonies

Analogous

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



16.8042, 19.1251, 12.4145



15.3862, 19.1251, 14.9372



14.7262, 19.1251, 19.4071

Triad

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



15.3862, 19.1251, 14.9372



17.6761, 19.1251, 33.3062



21.8558, 19.1251, 17.0419

Complementary

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



15.3862, 19.1251, 14.9372



17.2067, 15.1855, 22.4472

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.



22.1307, 19.1251, 22.3082



15.3862, 19.1251, 14.9372



19.6243, 19.1251, 32.3671

Square

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



15.3862, 19.1251, 14.9372



15.9855, 19.1251, 30.4598



21.2882, 19.1251, 28.0840



20.5619, 19.1251, 13.4704

Rectangle

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



15.3862, 19.1251, 14.9372



14.7694, 19.1251, 23.1646



21.2882, 19.1251, 28.0840



22.0740, 19.1251, 18.6466

Sweetspot

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



15.3867, 19.1259, 14.9376



32.8694, 36.4449, 35.9385



18.7410, 20.5859, 15.0426



7.6503, 8.5110, 8.3384



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.3867, 19.1259, 14.9376



25.4844, 32.9025, 23.6335



15.9335, 19.3318, 18.3972



4.2891, 4.8255, 4.6255



7.7111, 15.3376, 2.5540



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2067, 15.1855, 22.4472



29.2540, 24.7396, 39.1896



16.5775, 14.9511, 18.3534



4.4835, 4.4048, 5.4272



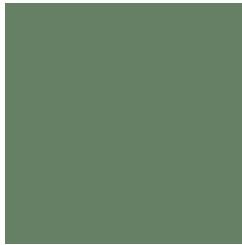
12.0248, 5.7527, 20.7266



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3862, 19.1251, 14.9372 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 15.3862, 19.1251, 14.9372 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 15.3862, 19.1251, 14.9372

Background



This preview shows how black text looks on a background with the XYZ color 15.3862, 19.1251, 14.9372.



This preview shows how white text looks on a background with the XYZ color 15.3862, 19.1251,

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

15.3862, 19.1251, 14.9372

Protanopia

17.8508, 19.1085, 13.8138

Deuteranopia

19.2911, 18.9391, 15.2092



Tritanopia

17.5047, 19.2346, 24.9803

Trichromacy



Original Color

15.3862, 19.1251, 14.9372

Protanomaly

16.8365, 19.1299, 14.1143

Deuteranomaly

17.5229, 18.7325, 15.0041

Tritanomaly

16.6105, 19.0510, 20.8909

Monochromacy



Original Color

15.3862, 19.1251, 14.9372

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2622, 18.2019, 17.6951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3862, 19.1251, 14.9372 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(101, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(101, 128, 100)  
}
```

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(101, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 128, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.3862, 19.1251, 14.9372 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(101, 128, 100) }
```


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

```
.border{ border-color:rgb(101, 128, 100) }
```

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

Here you see how a box with a 4 pixel rgb(101, 128, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 128, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 128, 100);  
box-shadow:4px 4px 4px 4px rgb(101, 128,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3862, 19.1251, 14.9372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 128, 100) }
```

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

```
.background{ background-color: rgb(101,  
128, 100) }
```

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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