

Converting Colors

XYZ(15.1113, 18.9557, 11.8152)

Have a look what the booklet for
XYZ(15.1113, 18.9557, 11.8152)
contains.

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Color

**XYZ(15.1484, 19.0695,
11.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	688057
RGB	104, 128, 87
RGB Percent	41%, 50%, 34%
CMY	0.5922, 0.4980, 0.6588
CMYK	0.19, 0.00, 0.32, 0.50
HSL	95°, 19%, 42%
HSV	95°, 32%, 50%
XYZ	15.1484, 19.0695, 11.8992
YIQ	116.1500, -1.1430, -17.8390

Conversions

Conversions Part 2

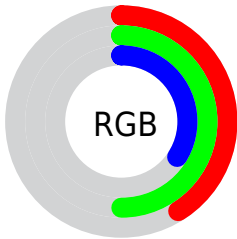
Format	Color
R_{YB}	87, 128, 111
Decimal	6848599
CIE _{Lab}	50.77, -16.71, 19.50
CIE _{LCh}	51, 25.676, 130.589
Yxy	19.0695, 0.3285, 0.4135
Android (android.graphics.Color)	4285038679 (0xFF688057)
YUV	116.1500, -14.3710, -10.6556
Hunter-Lab	43.6686, -14.4995, 14.4122

Details

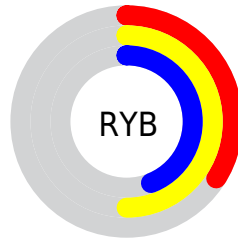
The XYZ color **15.1484, 19.0695, 11.8992** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.8608, 11.7549, 21.9615**, and the grayscale version is **16.6899, 17.5590, 19.1218**.

A 20% lighter version of the original color is **34.7495, 41.9218, 29.9271**, and **4.8271, 6.5928, 3.1159** is the 20% darker color. If you saturate the color by 10%, you get **13.8398, 18.4506, 9.3460**, and if you desaturate by 10%, it is **16.6281, 19.7670, 14.9453**.

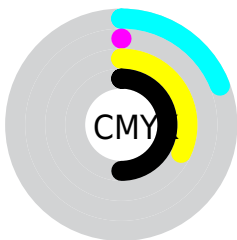
Distribution



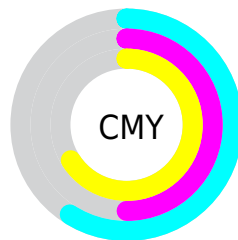
- Red (41%)
- Green (50%)
- Blue (34%)



- Red (34%)
- Yellow (50%)
- Blue (44%)



- Cyan (19%)
- Magenta (0%)
- Yellow (32%)
- Black (50%)



- Cyan (59%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1484, 19.0695, 11.8992 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 15.1484, 19.0695, 11.8992 by changing the saturation by 10% instead.

■ 15.1484, 19.0695,
11.8992

■ 15.1484, 19.0695,
11.8992

217.6333,
246.8322, 214.6910

■ 9.0106, 11.7205,
6.5534

■ 34.6828, 41.8515,
29.9730

■ 4.8053, 6.5537,
3.1102

■ 48.8102, 58.0533,
43.5381

■ 2.1670, 3.1846,
1.1512

■ 66.3314, 77.9748,
60.6800

■ 0.7253, 1.2288,
0.0000

■ 87.6119, 102.0005,
81.8173

■ 0.0000, 0.0851,
0.0000

■ 113.0169,
130.5146, 107.3685

■ 0.0000, 0.0000,
0.0000

142.9120,

163.9017, 137.7522

177.6623,
202.5461, 173.3868

■ 15.1484, 19.0695,
11.8992

■ 15.1484, 19.0695,
11.8992

■ 13.8398, 18.4506,
9.3460

■ 16.6281, 19.7670,
14.9453

■ 12.6939, 17.9049,
7.2586

■ 18.2838, 20.5434,
18.5071

■ 11.7037, 17.4299,
5.6092

■ 20.1222, 21.4023,
22.6075

■ 10.8611, 17.0222,
4.3663

■ 22.1490, 22.3461,
27.2675

■ 10.1571, 16.6778,
3.4944

■ 24.3698, 23.3773,
32.5072

■ 9.5815, 16.3925,
2.9520

■ 26.7898, 24.4981,
38.3454

■ 9.1914, 16.1979,
2.6421

■ 29.4141, 25.7109,
44.8004

■ 32.2476, 27.0176,
51.8894

■ 35.2950, 28.4205,
59.6292

Harmonies

Analogous

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



17.2481, 19.0695, 9.8822



15.1484, 19.0695, 11.8992



13.9239, 19.0695, 16.4800

Triad

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



15.1484, 19.0695, 11.8992



16.5601, 19.0695, 36.8165



23.3238, 19.0695, 18.3136

Complementary

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



15.1484, 19.0695, 11.8992



13.8608, 11.7549, 21.9615

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.



23.0961, 19.0695, 25.7313



15.1484, 19.0695, 11.8992



19.0311, 19.0695, 37.6327

Square

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



15.1484, 19.0695, 11.8992



14.6851, 19.0695, 31.1779



21.4680, 19.0695, 33.2016



22.0641, 19.0695, 12.9725

Rectangle

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



15.1484, 19.0695, 11.8992



13.6941, 19.0695, 20.9067



21.4680, 19.0695, 33.2016



23.4214, 19.0695, 20.6209

Sweetspot

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



15.1489, 19.0703, 11.8996



32.7490, 36.4298, 33.8127



16.2985, 16.6287, 11.3678



7.5812, 8.4889, 7.7267



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.



15.1489, 19.0703, 11.8996



25.0620, 32.8138, 17.7830



13.5135, 18.2107, 12.5692



4.4318, 4.8990, 4.6322



9.1150, 16.0614, 2.6197



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.8608, 11.7549, 21.9615



22.4410, 17.9417, 38.2366



15.9861, 12.8761, 20.9065



4.3311, 4.3263, 5.4201



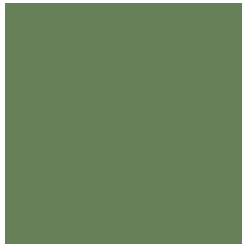
6.7369, 3.0267, 20.4791



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1484, 19.0695, 11.8992 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 15.1484, 19.0695, 11.8992 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 15.1484, 19.0695, 11.8992

Background



This preview shows how black text looks on a background with the XYZ color 15.1484, 19.0695, 11.8992.



This preview shows how white text looks on a background with the XYZ color 15.1484, 19.0695,

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

15.1484, 19.0695, 11.8992

Protanopia

17.6435, 19.0607, 11.1367

Deuteranopia

19.2462, 18.9798, 12.3219



Tritanopia

17.6799, 18.9645, 24.5585

Trichromacy



Original Color

15.1484, 19.0695, 11.8992

Protanomaly

16.7325, 19.1361, 11.4061

Deuteranomaly

17.4217, 18.7434, 12.1508

Tritanomaly

16.5444, 18.8644, 19.2922

Monochromacy



Original Color

15.1484, 19.0695, 11.8992

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9484, 17.8976, 15.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1484, 19.0695, 11.8992 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(104, 128, 87)` looks like.

```
.text, #text, p{  
    color:rgb(104, 128, 87)  
}
```

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(104, 128, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 128, 87) }
```

Border

The CSS property to change the border of an element to XYZ 15.1484, 19.0695, 11.8992 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(104, 128, 87) }
```


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

```
.border{ border-color:rgb(104, 128, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 128, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 128, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 128, 87);  
box-shadow:4px 4px 4px 4px rgb(104, 128,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1484, 19.0695, 11.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 128, 87) }
```

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

```
.background{ background-color: rgb(104,  
128, 87) }
```

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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