

Converting Colors

XYZ(15.3057, 18.9157, 13.7752)

Have a look what the booklet for
XYZ(15.3057, 18.9157, 13.7752)
contains.

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Color

**XYZ(15.2484, 18.8885,
13.6686)**

Conversions

Conversions Part 1

Format	Color
Hex	677F5F
RGB	103, 127, 95
RGB Percent	40%, 50%, 37%
CMY	0.5961, 0.5019, 0.6274
CMYK	0.19, 0.00, 0.25, 0.50
HSL	105°, 14%, 44%
HSV	105°, 25%, 50%
XYZ	15.2484, 18.8885, 13.6686
YIQ	116.1760, -4.0320, -15.0400

Conversions

Conversions Part 2

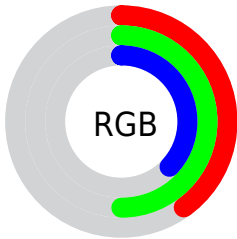
Format	Color
R _Y B	95, 127, 119
Decimal	6782815
CIE Lab	50.56, -15.20, 14.61
CIE LCh	51, 21.081, 136.127
Yxy	18.8885, 0.3190, 0.3951
Android (android.graphics.Color)	4284972895 (0xFF677F5F)
YUV	116.1760, -10.4398, -11.5554
Hunter-Lab	43.4609, -13.4293, 11.7757

Details

The XYZ color **15.2484, 18.8885, 13.6686** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.5315, 13.6392, 21.8937**, and the grayscale version is **16.6867, 17.5557, 19.1182**.

A 20% lighter version of the original color is **34.8360, 41.5879, 33.3853**, and **4.8543, 6.4828, 3.9012** is the 20% darker color. If you saturate the color by 10%, you get **13.6866, 18.1453, 10.8238**, and if you desaturate by 10%, it is **17.0299, 19.7352, 17.0159**.

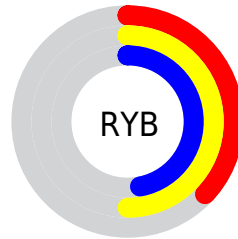
Distribution



Red (40%)

Green (50%)

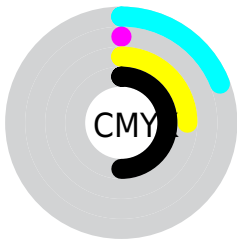
Blue (37%)



Red (37%)

Yellow (50%)

Blue (47%)

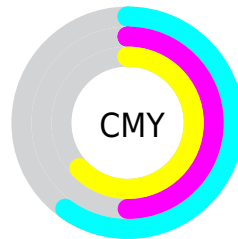


Cyan (19%)

Magenta (0%)

Yellow (25%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2484, 18.8885, 13.6686 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 15.2484, 18.8885, 13.6686 by changing the saturation by 10% instead.

■ 15.2484, 18.8885,
13.6686

■ 15.2484, 18.8885,
13.6686

218.2235,
245.8325, 226.5156

■ 9.0814, 11.5897,
7.7544

■ 34.8565, 41.5456,
33.2085

■ 4.8518, 6.4650,
3.8527

■ 49.0282, 57.6727,
47.6712

■ 2.1944, 3.1298,
1.5449

■ 66.5988, 77.5115,
65.8206

■ 0.7398, 1.1999,
0.2510

■ 87.9338, 101.4461,
88.0751

■ 0.0000, 0.0616,
0.0000

113.3983,
129.8612, 114.8534

■ 0.0000, 0.0000,
0.0000

143.3579,

163.1410, 146.5738

178.1779,
201.6700, 183.6551

■ 15.2484, 18.8885,
13.6686

■ 15.2484, 18.8885,
13.6686

■ 13.6866, 18.1453,
10.8238

■ 17.0299, 19.7352,
17.0159

■ 12.3342, 17.4991,
8.4560

■ 19.0377, 20.6867,
20.8869

■ 11.1825, 16.9466,
6.5395

■ 21.2802, 21.7473,
25.3033

■ 10.2213, 16.4832,
5.0455

■ 23.7647, 22.9204,
30.2851

■ 9.4397, 16.1038,
3.9419

■ 26.4984, 24.2093,
35.8512

■ 8.8254, 15.8031,
3.1923

■ 29.4879, 25.6170,
42.0199

■ 8.3619, 15.5737,
2.7404

■ 32.7398, 27.1466,
48.8084

■ 8.1775, 15.4825,
2.5574

■ 36.2604, 28.8008,
56.2333

■ 40.0558, 30.5825,
64.3107

Harmonies

Analogous

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



16.8759, 18.8885, 11.4864



15.2484, 18.8885, 13.6686



14.3783, 18.8885, 17.9667

Triad

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



15.2484, 18.8885, 13.6686



17.0207, 18.8885, 33.6494



22.0296, 18.8885, 17.5759

Complementary

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



15.2484, 18.8885, 13.6686



15.5315, 13.6392, 21.8937

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.



22.0758, 18.8885, 23.4055



15.2484, 18.8885, 13.6686



19.0749, 18.8885, 33.4894

Square

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



15.2484, 18.8885, 13.6686



15.3474, 18.8885, 29.8670



20.9598, 18.8885, 29.4644



20.8379, 18.8885, 13.4298

Rectangle

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



15.2484, 18.8885, 13.6686



14.2984, 18.8885, 21.8001



20.9598, 18.8885, 29.4644



22.1825, 18.8885, 19.3801

Sweetspot

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



15.2489, 18.8893, 13.6690



32.9710, 36.5131, 35.2266



17.4155, 18.5327, 13.4860



7.6060, 8.4950, 8.0281



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.



15.2489, 18.8893, 13.6690



25.7152, 33.0677, 21.5580



14.7574, 18.5917, 15.6431



4.3690, 4.8667, 4.6292



8.2457, 15.6132, 2.5791



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5315, 13.6392, 21.8937



26.3058, 22.0441, 38.8247



16.1750, 14.0288, 19.3088



4.3965, 4.3600, 5.4231



8.6485, 4.0121, 20.5685



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2484, 18.8885, 13.6686 looks on a white background.

Color Contrast Check

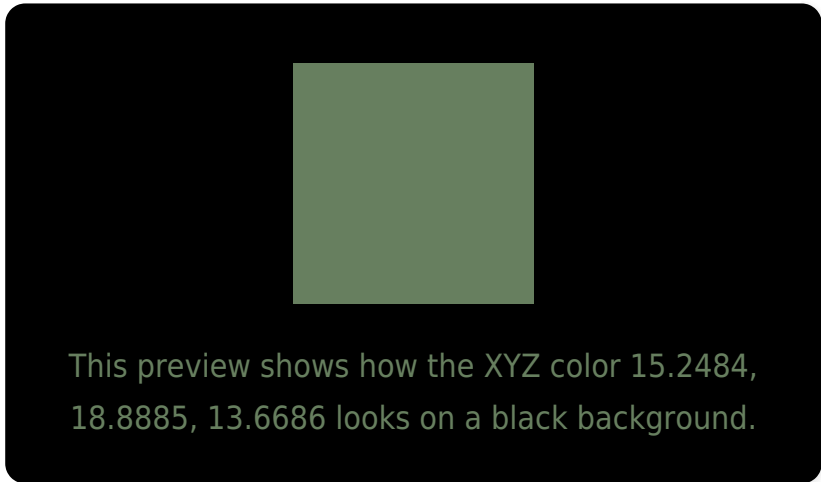
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 15.2484, 18.8885, 13.6686

Background



This preview shows how black text looks on a background with the XYZ color 15.2484, 18.8885, 13.6686.



This preview shows how white text looks on a background with the XYZ color 15.2484, 18.8885,

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

15.2484, 18.8885, 13.6686

Protanopia

17.5503, 18.7948, 12.8280

Deuteranopia

18.9359, 18.6135, 13.9040



Tritanopia

17.4311, 18.8362, 24.5468

Trichromacy



Original Color

15.2484, 18.8885, 13.6686

Protanomaly

16.6665, 18.8782, 13.1214

Deuteranomaly

17.3123, 18.4738, 13.7197

Tritanomaly

16.6008, 18.8730, 20.2207

Monochromacy



Original Color

15.2484, 18.8885, 13.6686

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.9788, 17.8952, 16.7993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2484, 18.8885, 13.6686 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(103, 127, 95)` looks like.

```
.text, #text, p{  
    color:rgb(103, 127, 95)  
}
```

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(103, 127, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 127, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.2484, 18.8885, 13.6686 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(103, 127, 95) }
```


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

```
.border{ border-color:rgb(103, 127, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 127, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 127, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 127, 95);  
box-shadow:4px 4px 4px 4px rgb(103, 127,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2484, 18.8885, 13.6686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 127, 95) }
```

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

```
.background{ background-color: rgb(103,  
127, 95) }
```

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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