

Converting Colors

XYZ(15.5467, 18.2986, 11.5172)

Have a look what the booklet for
XYZ(15.5467, 18.2986, 11.5172)
contains.

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Color

**XYZ(15.5727, 18.3485,
11.5249)**

Conversions

Conversions Part 1

Format	Color
Hex	717B56
RGB	113, 123, 86
RGB Percent	44%, 48%, 34%
CMY	0.5569, 0.5176, 0.6627
CMYK	0.08, 0.00, 0.30, 0.52
HSL	76°, 18%, 41%
HSV	76°, 30%, 48%
XYZ	15.5727, 18.3485, 11.5249
YIQ	115.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

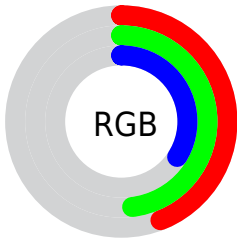
Format	Color
RYB	86, 123, 96
Decimal	7437142
CIELab	49.92, -10.52, 19.04
CIELCh	50, 21.756, 118.928
Yxy	18.3485, 0.3427, 0.4037
Android (android.graphics.Color)	4285627222 (0xFF717B56)
YUV	115.7920, -14.6875, -2.4486
Hunter-Lab	42.8351, -10.0679, 14.0325

Details

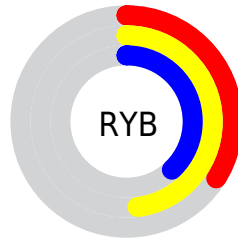
The XYZ color **15.5727, 18.3485, 11.5249** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.7275, 10.5729, 20.1626**, and the grayscale version is **16.5794, 17.4428, 18.9952**.

A 20% lighter version of the original color is **35.2910, 40.4369, 29.2376**, and **4.9461, 6.1407, 2.9321** is the 20% darker color. If you saturate the color by 10%, you get **14.6993, 17.9513, 9.1160**, and if you desaturate by 10%, it is **16.5480, 18.7896, 14.3846**.

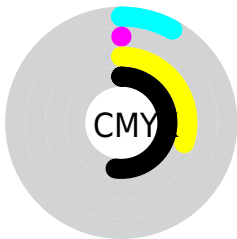
Distribution



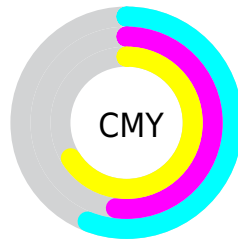
- Red (44%)
- Green (48%)
- Blue (34%)



- Red (34%)
- Yellow (48%)
- Blue (38%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (52%)



- Cyan (56%)
- Magenta (52%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5727, 18.3485, 11.5249 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 15.5727, 18.3485, 11.5249 by changing the saturation by 10% instead.

■ 15.5727, 18.3485,
11.5249

■ 15.5727, 18.3485,
11.5249

220.1272,
242.8281, 212.0992

■ 9.3112, 11.2005,
6.3025

■ 35.4183, 40.6303,
29.2781

■ 5.0035, 6.2018,
2.9581

■ 49.7330, 56.5328,
42.6460

■ 2.2841, 2.9682,
1.0733

■ 67.4630, 76.1223,
59.5661

■ 0.7865, 1.1152,
0.0000

■ 88.9734, 99.7832,
80.4570

■ 0.0000, 0.0000,
0.0000

■ 114.6297,
127.8998, 105.7373

144.7972,

160.8566, 135.8253

179.8413,
199.0379, 171.1398

■ 15.5727, 18.3485,
11.5249

■ 15.5727, 18.3485,
11.5249

■ 14.6993, 17.9513,
9.1160

■ 16.5480, 18.7896,
14.3846

■ 13.9220, 17.5936,
7.1338

■ 17.6280, 19.2738,
17.7153

■ 13.2362, 17.2743,
5.5535

■ 18.8173, 19.8035,
21.5374

■ 12.6365, 16.9912,
4.3474

■ 20.1194, 20.3802,
25.8698

■ 12.1168, 16.7419,
3.4845

■ 21.5380, 21.0054,
30.7303

■ 11.6701, 16.5234,
2.9285

■ 23.0765, 21.6805,
36.1359

■ 11.2756, 16.3279,
2.5573

■ 24.7380, 22.4066,
42.1028

■ 26.5257, 23.1852,
48.6466

■ 28.4425, 24.0175,
55.7823

Harmonies

Analogous

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



17.5147, 18.3485, 10.5623



15.5727, 18.3485, 11.5249



14.2284, 18.3485, 14.6225

Triad

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



15.5727, 18.3485, 11.5249



15.4527, 18.3485, 31.5053



21.7598, 18.3485, 20.1938

Complementary

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



15.5727, 18.3485, 11.5249



11.7275, 10.5729, 20.1626

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.



21.1011, 18.3485, 26.5044



15.5727, 18.3485, 11.5249



17.3649, 18.3485, 33.7858

Square

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



15.5727, 18.3485, 11.5249



14.1630, 18.3485, 26.0582



19.4503, 18.3485, 31.7970



21.1863, 18.3485, 14.9265

Rectangle

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



15.5727, 18.3485, 11.5249



13.7961, 18.3485, 17.8550



19.4503, 18.3485, 31.7970



21.6743, 18.3485, 22.2638

Sweetspot

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



15.5732, 18.3493, 11.5253



31.7412, 34.5910, 32.2761



14.0194, 13.2248, 10.6181



7.4163, 8.1202, 7.4146



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.5732, 18.3493, 11.5253



26.8025, 32.3643, 17.6179



13.4446, 17.2520, 11.4257



4.2071, 4.5820, 4.2872



11.6586, 16.8875, 2.6451



54.7679, 80.1193, 12.5780

Inverse Universe

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



11.7275, 10.5729, 20.1626



18.7667, 16.1080, 35.6767



13.8908, 11.6881, 20.2638



3.8899, 3.9411, 4.9989



4.3509, 1.8157, 19.5064



20.0432, 8.2947, 93.0144

Previews

White Background



This preview shows how the XYZ color 15.5727, 18.3485, 11.5249 looks on a white 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

Black Background



This preview shows how the XYZ color 15.5727, 18.3485, 11.5249 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

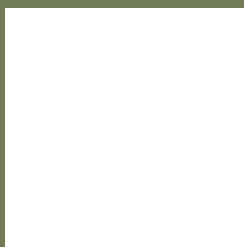
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5727, 18.3485, 11.5249

Background



This preview shows how black text looks on a background with the XYZ color 15.5727, 18.3485, 11.5249.



This preview shows how white text looks on a background with the XYZ color 15.5727, 18.3485,

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

15.5727, 18.3485, 11.5249

Protanopia

16.9808, 18.1862, 11.0028

Deuteranopia

18.5940, 18.3147, 11.7876



Tritanopia

17.9169, 18.4111, 22.6880

Trichromacy



Original Color

15.5727, 18.3485, 11.5249

Protanomaly

16.5245, 18.2998, 11.2556

Deuteranomaly

17.2875, 18.1565, 11.6102

Tritanomaly

16.9772, 18.3847, 17.9830

Monochromacy



Original Color

15.5727, 18.3485, 11.5249

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2169, 17.8584, 15.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5727, 18.3485, 11.5249 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(113, 123, 86)` looks like.

```
.text, #text, p{  
    color:rgb(113, 123, 86)  
}
```

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(113, 123, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 123, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.5727, 18.3485, 11.5249 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(113, 123, 86) }
```


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

```
.border{ border-color:rgb(113, 123, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 123, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 123, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 123, 86);  
box-shadow:4px 4px 4px 4px rgb(113, 123,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5727, 18.3485, 11.5249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 123, 86) }
```

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

```
.background{ background-color: rgb(113,  
123, 86) }
```

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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