

Converting Colors

XYZ(11.5174, 13.3865, 15.2457)

Have a look what the booklet for
XYZ(11.5174, 13.3865, 15.2457)
contains.

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Color

**XYZ(11.5538, 13.4666,
15.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	556B69
RGB	85, 107, 105
RGB Percent	33%, 42%, 41%
CMY	0.6667, 0.5804, 0.5882
CMYK	0.21, 0.00, 0.02, 0.58
HSL	175°, 11%, 38%
HSV	175°, 21%, 42%
XYZ	11.5538, 13.4666, 15.3550
YIQ	100.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

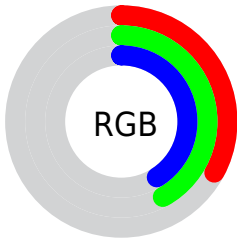
Format	Color
R_{YB}	85, 97, 107
Decimal	5598057
CIE _{Lab}	43.46, -8.60, -1.59
CIE _{LCh}	43, 8.746, 190.464
Yxy	13.4666, 0.2862, 0.3335
Android (android.graphics.Color)	4283788137 (0xFF556B69)
YUV	100.1940, 2.3694, -13.3251
Hunter-Lab	36.6969, -8.0198, 0.8792

Details

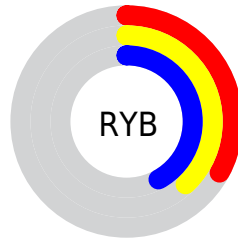
The XYZ color **11.5538, 13.4666, 15.3550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0327, 10.3113, 10.4261**, and the grayscale version is **12.1593, 12.7926, 13.9311**.

A 20% lighter version of the original color is **28.2193, 32.0049, 36.1427**, and **3.2163, 3.9685, 4.5995** is the 20% darker color. If you saturate the color by 10%, you get **10.6053, 12.9837, 15.0512**, and if you desaturate by 10%, it is **12.6506, 14.0266, 15.6693**.

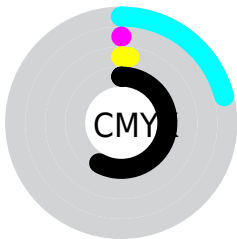
Distribution



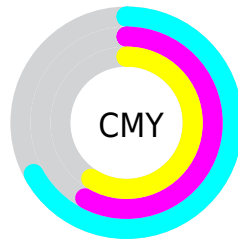
- Red (33%)
- Green (42%)
- Blue (41%)



- Red (33%)
- Yellow (38%)
- Blue (42%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



- Cyan (67%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5538, 13.4666, 15.3550 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 11.5538, 13.4666, 15.3550 by changing the saturation by 10% instead.

■ 11.5538, 13.4666,
15.3550

■ 11.5538, 13.4666,
15.3550

195.2594,
213.8868, 237.2193

■ 6.5107, 7.7506,
8.9195

■ 28.3038, 32.1395,
36.2258

■ 3.2016, 3.9358,
4.5926

■ 40.7413, 45.8653,
51.4983

■ 1.2612, 1.6377,
1.9558

■ 56.3743, 63.0298,
70.5535

■ 0.1539, 0.3828,
0.5279

■ 75.5682, 84.0174,
93.8099

■ 0.0000, 0.0000,
0.0000

■ 98.6883, 109.2125,
121.6862

126.0999,

138.9995, 154.6008

158.1685,
173.7628, 192.9724

■ 11.5538, 13.4666,
15.3550

■ 11.5538, 13.4666,
15.3550

■ 10.6053, 12.9837,
15.0512

■ 12.6506, 14.0266,
15.6693

■ 9.7973, 12.5729,
14.7567

■ 13.9007, 14.6651,
15.9935

■ 9.1232, 12.2310,
14.4714

■ 15.3103, 15.3859,
16.3282

■ 8.5752, 11.9540,
14.1949

■ 16.8849, 16.1916,
16.6736

■ 8.1449, 11.7377,
13.9270

■ 18.6297, 17.0850,
17.0300

■ 7.8228, 11.5771,
13.6670

■ 20.5498, 18.0687,
17.3976

■ 7.5978, 11.4664,
13.4145

■ 22.6500, 19.1451,
17.7767

■ 7.4282, 11.3840,
13.1809

■ 24.9348, 20.3167,
18.1675

■ 27.4088, 21.5858,
18.5703

Harmonies

Analogous

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



11.6040, 13.4666, 13.4434



11.5538, 13.4666, 15.3550



11.8283, 13.4666, 17.2356

Triad

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



11.5538, 13.4666, 15.3550



13.6689, 13.4666, 17.7073



13.2428, 13.4666, 11.4029

Complementary

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



11.5538, 13.4666, 15.3550



11.0327, 10.3113, 10.4261

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.



13.8226, 13.4666, 12.3598



11.5538, 13.4666, 15.3550



14.0747, 13.4666, 15.9539

Square

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



11.5538, 13.4666, 15.3550



13.0391, 13.4666, 18.6714



14.1319, 13.4666, 13.9918



12.5631, 13.4666, 11.2734

Rectangle

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



11.5538, 13.4666, 15.3550



12.1644, 13.4666, 18.1762



14.1319, 13.4666, 13.9918



13.4565, 13.4666, 11.6341

Sweetspot

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



11.5542, 13.4672, 15.3553



23.6003, 25.5998, 28.3095



10.8470, 13.2077, 10.5722



5.6883, 6.1840, 6.8459



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.5542, 13.4672, 15.3553



19.7821, 23.6518, 27.2123



10.7870, 11.7661, 15.6131



3.1705, 3.4874, 3.8818



9.0307, 13.8464, 16.0046



45.8481, 70.4863, 80.6700

Inverse Universe

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



11.0327, 10.3113, 10.4261



18.6550, 16.8293, 16.5579



11.6885, 11.7520, 10.2468



3.1099, 3.1208, 3.3092



7.4350, 3.8261, 0.6533



37.7339, 19.4355, 2.5353

Previews

White Background



This preview shows how the XYZ color 11.5538, 13.4666, 15.3550 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 11.5538, 13.4666, 15.3550 looks on a black 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

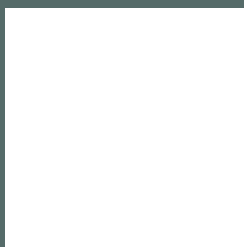
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5538, 13.4666, 15.3550

Background



This preview shows how black text looks on a background with the XYZ color 11.5538, 13.4666, 15.3550.



This preview shows how white text looks on a background with the XYZ color 11.5538, 13.4666,

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

11.5538, 13.4666, 15.3550

Protanopia

12.8586, 13.4051, 14.4801

Deuteranopia

13.5461, 13.3002, 15.7632



Tritanopia

12.1218, 13.5492, 17.8960

Trichromacy



Original Color

11.5538, 13.4666, 15.3550

Protanomaly

12.3283, 13.4213, 14.7728

Deuteranomaly

12.7197, 13.3101, 15.5344

Tritanomaly

11.8610, 13.4342, 17.0068

Monochromacy



Original Color

11.5538, 13.4666, 15.3550

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.9678, 13.0927, 14.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5538, 13.4666, 15.3550 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(85, 107, 105) looks like.

```
.text, #text, p{  
    color:rgb(85, 107, 105)  
}
```

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(85, 107, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 107, 105) }
```

Border

The CSS property to change the border of an element to XYZ 11.5538, 13.4666, 15.3550 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(85, 107, 105) }
```


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

```
.border{ border-color:rgb(85, 107, 105) }
```

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

Here you see how a box with a 4 pixel rgb(85, 107, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 107, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 107, 105);  
box-shadow:4px 4px 4px 4px rgb(85, 107,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5538, 13.4666, 15.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 107, 105) }
```

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

```
.background{ background-color: rgb(85, 107,  
105) }
```

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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