

Converting Colors

XYZ(11.3185, 13.6353, 11.5481)

Have a look what the booklet for
XYZ(11.3185, 13.6353, 11.5481)
contains.

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Color

**XYZ(11.2856, 13.5702,
11.4757)**

Conversions

Conversions Part 1

Format	Color
Hex	596C59
RGB	89, 108, 89
RGB Percent	35%, 42%, 35%
CMY	0.6510, 0.5765, 0.6510
CMYK	0.18, 0.00, 0.18, 0.58
HSL	120°, 10%, 39%
HSV	120°, 18%, 42%
XYZ	11.2856, 13.5702, 11.4757
YIQ	100.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

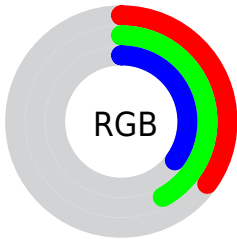
Format	Color
R_{YB}	89, 108, 108
Decimal	5860441
CIE _{Lab}	43.61, -11.19, 8.30
CIE _{LCh}	44, 13.932, 143.414
Yxy	13.5702, 0.3106, 0.3735
Android (android.graphics.Color)	4284050521 (0xFF596C59)
YUV	100.1530, -5.4984, -9.7812
Hunter-Lab	36.8378, -9.7809, 7.3164

Details

The XYZ color **11.2856, 13.5702, 11.4757** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4639, 11.4159, 15.7345**, and the grayscale version is **12.1670, 12.8007, 13.9399**.

A 20% lighter version of the original color is **27.7058, 32.1493, 29.1713**, and **3.1010, 4.0255, 2.8991** is the 20% darker color. If you saturate the color by 10%, you get **9.9036, 12.9067, 9.2148**, and if you desaturate by 10%, it is **12.8870, 14.3398, 14.0949**.

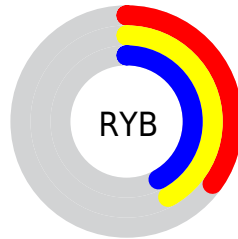
Distribution



 Red (35%)

 Green (42%)

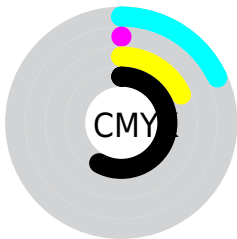
 Blue (35%)




 Red (35%)

 Yellow (42%)

 Blue (42%)

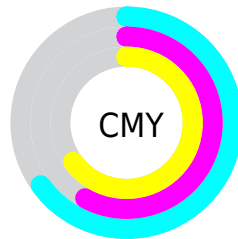


 Cyan (18%)

 Magenta (0%)

 Yellow (18%)

 Black (58%)



 Cyan (65%)

 Magenta (58%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2856, 13.5702, 11.4757 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 11.2856, 13.5702, 11.4757 by changing the saturation by 10% instead.

■ 11.2856, 13.5702,
11.4757

■ 11.2856, 13.5702,
11.4757

193.4847,
214.5404, 211.7559

■ 6.3280, 7.8223,
6.2696

■ 27.8154, 32.3244,
29.1865

■ 3.0881, 3.9815,
2.9383

■ 40.1183, 46.0996,
42.5283

■ 1.2005, 1.6632,
1.0632

■ 55.6003, 63.3194,
59.4190

■ 0.1068, 0.3997,
0.0000

■ 74.6268, 84.3681,
80.2772

■ 0.0000, 0.0000,
0.0000

■ 97.5631, 109.6301,
105.5215

124.7746,

139.4899, 135.5703

156.6267,
174.3319, 170.8423

■ 11.2856, 13.5702,
11.4757

■ 11.2856, 13.5702,
11.4757

■ 9.9036, 12.9067,
9.2148

■ 12.8870, 14.3398,
14.0949

■ 8.7303, 12.3432,
7.2957

■ 14.7156, 15.2182,
17.0859

■ 7.7561, 11.8752,
5.7022

■ 16.7802, 16.2099,
20.4630

■ 6.9698, 11.4975,
4.4161

■ 19.0887, 17.3188,
24.2391

■ 6.3594, 11.2043,
3.4176

■ 21.6488, 18.5485,
28.4266

■ 5.9112, 10.9890,
2.6846

■ 24.4676, 19.9026,
33.0376

■ 5.6100, 10.8443,
2.1919

■ 27.5524, 21.3843,
38.0833

■ 5.4096, 10.7481,
1.8641

■ 30.9096, 22.9970,
43.5749

■ 5.3628, 10.7256,
1.7876

■ 34.5458, 24.7437,
49.5228

Harmonies

Analogous

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



12.0821, 13.5702, 9.9190



11.2856, 13.5702, 11.4757



10.9240, 13.5702, 14.0971

Triad

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



11.2856, 13.5702, 11.4757



12.6589, 13.5702, 21.5850



14.9209, 13.5702, 12.5141

Complementary

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



11.2856, 13.5702, 11.4757



12.4639, 11.4159, 15.7345

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.



15.0967, 13.5702, 15.4756



11.2856, 13.5702, 11.4757



13.7499, 13.5702, 21.0042

Square

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



11.2856, 13.5702, 11.4757



11.6875, 13.5702, 20.1449



14.6572, 13.5702, 18.6543



14.1895, 13.5702, 10.4568

Rectangle

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



11.2856, 13.5702, 11.4757



10.9629, 13.5702, 16.2140



14.6572, 13.5702, 18.6543



15.0485, 13.5702, 13.4250

Sweetspot

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



11.2860, 13.5708, 11.4760



23.3752, 25.5353, 25.9732



13.3173, 14.5685, 11.5615



5.6181, 6.1616, 6.2217



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.



11.2860, 13.5708, 11.4760



18.8029, 23.3390, 18.4944



11.6961, 13.7348, 13.6357



3.0640, 3.4448, 3.3209



6.3963, 12.7926, 2.1321



32.5920, 65.1839, 10.8640

Inverse Universe

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



12.4639, 11.4159, 15.7345



21.2717, 18.8227, 27.4197



12.0005, 11.2306, 13.2941



3.2175, 3.1639, 3.8760



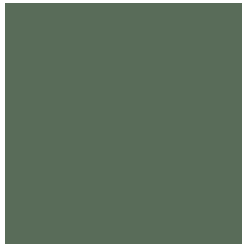
10.6046, 5.0939, 17.3466



54.0351, 25.9557, 88.3882

Previews

White Background



This preview shows how the XYZ color 11.2856, 13.5702, 11.4757 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 11.2856, 13.5702, 11.4757 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 11.2856, 13.5702, 11.4757

Background



This preview shows how black text looks on a background with the XYZ color 11.2856, 13.5702, 11.4757.



This preview shows how white text looks on a background with the XYZ color 11.2856, 13.5702,

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

11.2856, 13.5702, 11.4757

Protanopia

12.7143, 13.5605, 10.7514

Deuteranopia

13.6863, 13.4609, 11.7744



Tritanopia

12.5464, 13.6226, 17.5909

Trichromacy



Original Color

11.2856, 13.5702, 11.4757

Protanomaly

12.1387, 13.5580, 10.9940

Deuteranomaly

12.6602, 13.3667, 11.5856

Tritanomaly

12.0664, 13.5829, 15.0825

Monochromacy



Original Color

11.2856, 13.5702, 11.4757

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.7854, 13.0318, 12.9606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2856, 13.5702, 11.4757 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(89, 108, 89) looks like.

```
.text, #text, p{  
    color:rgb(89, 108, 89)  
}
```

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(89, 108, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 108, 89) }
```

Border

The CSS property to change the border of an element to XYZ 11.2856, 13.5702, 11.4757 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(89, 108, 89) }
```


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

```
.border{ border-color:rgb(89, 108, 89) }
```

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

Here you see how a box with a 4 pixel rgb(89, 108, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 108, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 108, 89);  
box-shadow:4px 4px 4px 4px rgb(89, 108,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2856, 13.5702, 11.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 108, 89) }
```

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

```
.background{ background-color: rgb(89, 108,  
89) }
```

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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