

Converting Colors

XYZ(11.6104, 13.2615, 17.0837)

Have a look what the booklet for
XYZ(11.6104, 13.2615, 17.0837)
contains.

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Color

**XYZ(11.5906, 13.2948,
16.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	536A6F
RGB	83, 106, 111
RGB Percent	33%, 42%, 44%
CMY	0.6745, 0.5843, 0.5647
CMYK	0.25, 0.05, 0.00, 0.56
HSL	191°, 14%, 38%
HSV	191°, 25%, 44%
XYZ	11.5906, 13.2948, 16.9942
YIQ	99.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

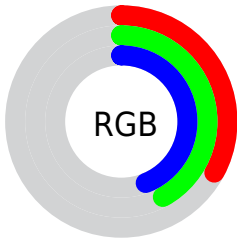
Format	Color
R_{YB}	83, 96, 111
Decimal	5466735
CIE _{Lab}	43.20, -7.24, -5.61
CIE _{LCh}	43, 9.159, 217.740
Y _{xy}	13.2948, 0.2768, 0.3175
Android (android.graphics.Color)	4283656815 (0xFF536A6F)
Y_{UV}	99.6930, 5.5744, -14.6398
Hunter-Lab	36.4620, -7.0667, -2.1104

Details

The XYZ color **11.5906, 13.2948, 16.9942** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6068, 10.9836, 9.6923**, and the grayscale version is **12.0244, 12.6506, 13.7765**.

A 20% lighter version of the original color is **28.3407, 31.7448, 39.2840**, and **3.2241, 3.8801, 5.2816** is the 20% darker color. If you saturate the color by 10%, you get **10.4868, 12.4265, 16.8850**, and if you desaturate by 10%, it is **12.8567, 14.2545, 17.1129**.

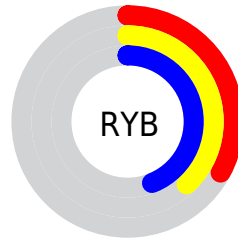
Distribution



Red (33%)

Green (42%)

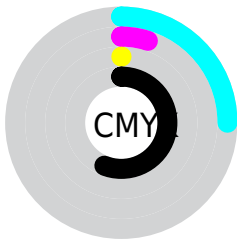
Blue (44%)



Red (33%)

Yellow (38%)

Blue (44%)

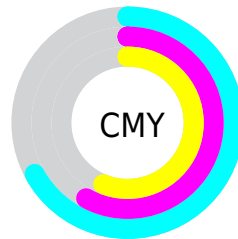


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (56%)



Cyan (67%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5906, 13.2948, 16.9942 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 11.5906, 13.2948, 16.9942 by changing the saturation by 10% instead.

■ 11.5906, 13.2948,
16.9942

■ 11.5906, 13.2948,
16.9942

■ 195.5016,
212.7985, 247.1818

■ 6.5358, 7.6319,
10.0684

■ 28.3706, 31.8324,
39.1063

■ 3.2172, 3.8603,
5.3382

■ 40.8265, 45.4758,
55.1298

■ 1.2697, 1.5957,
2.3848

■ 56.4801, 62.5482,
75.0228

■ 0.1603, 0.3547,
0.7782

■ 75.6968, 83.4340,
99.2041

■ 0.0000, 0.0000,
0.0000

■ 98.8420, 108.5175,
128.0921

126.2809,

138.1832, 162.1053

158.3790,
172.8153, 201.6624

■ 11.5906, 13.2948,
16.9942

■ 11.5906, 13.2948,
16.9942

■ 10.4868, 12.4265,
16.8850

■ 12.8567, 14.2545,
17.1129

■ 9.5368, 11.6440,
16.7840

■ 14.2909, 15.3076,
17.2406

■ 8.7327, 10.9436,
16.6912

■ 15.9003, 16.4581,
17.3779

■ 8.0658, 10.3209,
16.6062

■ 17.6910, 17.7093,
17.5250

■ 7.5261, 9.7706,
16.5284

■ 19.6689, 19.0641,
17.6822

■ 7.1026, 9.2869,
16.4574

■ 21.8396, 20.5255,
17.8499

■ 6.7741, 8.8589,
16.3921

■ 24.2086, 22.0965,
18.0283

■ 6.6262, 8.6615,
16.3618

■ 26.7810, 23.7796,
18.2176

■ 29.5618, 25.5775,
18.4180

Harmonies

Analogous

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



11.3355, 13.2948, 15.0069



11.5906, 13.2948, 16.9942



12.1279, 13.2948, 18.3898

Triad

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



11.5906, 13.2948, 16.9942



13.9378, 13.2948, 16.0026



12.4540, 13.2948, 10.9478

Complementary

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



11.5906, 13.2948, 16.9942



11.6068, 10.9836, 9.6923

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.



13.1588, 13.2948, 11.1607



11.5906, 13.2948, 16.9942



14.0330, 13.2948, 13.9573

Square

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



11.5906, 13.2948, 16.9942



13.4875, 13.2948, 17.7811



13.7431, 13.2948, 12.2193



11.8217, 13.2948, 11.6078

Rectangle

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



11.5906, 13.2948, 16.9942



12.5827, 13.2948, 18.7289



13.7431, 13.2948, 12.2193



12.6900, 13.2948, 10.9208

Sweetspot

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



11.5910, 13.2953, 16.9945



24.7888, 26.8280, 30.8016



10.9997, 13.9072, 11.2653



5.8770, 6.3879, 7.3930



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.5910, 13.2953, 16.9945



19.6148, 22.9176, 30.3195



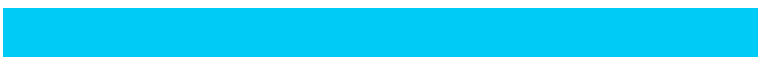
10.2929, 10.6992, 16.5618



3.4268, 3.7189, 4.2914



7.7913, 10.1730, 19.2745



38.2439, 49.5397, 95.8256

Inverse Universe

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



12.2507, 10.6070, 15.0380



21.0212, 17.3267, 26.1166



12.8358, 13.4417, 10.1020



3.4901, 3.4437, 4.1076



9.9510, 4.8728, 12.0840



49.2837, 24.1588, 58.6857

Previews

White Background



This preview shows how the XYZ color 11.5906, 13.2948, 16.9942 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 11.5906, 13.2948, 16.9942 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

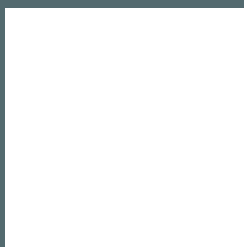
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5906, 13.2948, 16.9942

Background



This preview shows how black text looks on a background with the XYZ color 11.5906, 13.2948, 16.9942.



This preview shows how white text looks on a background with the XYZ color 11.5906, 13.2948,

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

11.5906, 13.2948, 16.9942

Protanopia

12.8399, 13.2149, 16.0613

Deuteranopia

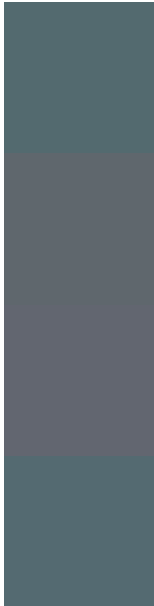
13.4499, 13.2193, 17.1719



Tritanopia

11.8475, 13.4078, 17.8831

Trichromacy



Original Color

11.5906, 13.2948, 16.9942

Protanomaly

12.3299, 13.2375, 16.3732

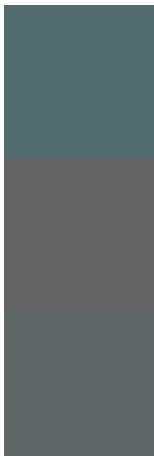
Deuteranomaly

12.7130, 13.2693, 17.2204

Tritanomaly

11.7908, 13.3851, 17.5849

Monochromacy



Original Color

11.5906, 13.2948, 16.9942

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.8662, 12.8819, 14.9577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5906, 13.2948, 16.9942 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(83, 106, 111) looks like.

```
.text, #text, p{  
    color:rgb(83, 106, 111)  
}
```

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(83, 106, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 106, 111) }
```

Border

The CSS property to change the border of an element to XYZ 11.5906, 13.2948, 16.9942 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(83, 106, 111) }
```


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

```
.border{ border-color:rgb(83, 106, 111) }
```

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

Here you see how a box with a 4 pixel rgb(83, 106, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 106, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 106, 111);  
box-shadow:4px 4px 4px 4px rgb(83, 106,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5906, 13.2948, 16.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 106, 111) }
```

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

```
.background{ background-color: rgb(83, 106,  
111) }
```

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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