

Converting Colors

XYZ(11.1544, 13.1507, 15.5971)

Have a look what the booklet for
XYZ(11.1544, 13.1507, 15.5971)
contains.

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Color

**XYZ(11.1489, 13.0980,
15.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	516A6A
RGB	81, 106, 106
RGB Percent	32%, 42%, 42%
CMY	0.6823, 0.5843, 0.5843
CMYK	0.24, 0.00, 0.00, 0.58
HSL	180°, 13%, 37%
HSV	180°, 24%, 42%
XYZ	11.1489, 13.0980, 15.5762
YIQ	98.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

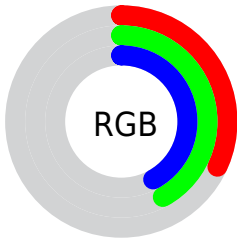
Format	Color
R_{YB}	81, 94, 106
Decimal	5335658
CIE _{Lab}	42.91, -9.17, -3.03
CIE _{LCh}	43, 9.656, 198.287
Yxy	13.0980, 0.2800, 0.3289
Android (android.graphics.Color)	4283525738 (0xFF516A6A)
YUV	98.5250, 3.6852, -15.3694
Hunter-Lab	36.1912, -8.3466, -0.1838

Details

The XYZ color **11.1489, 13.0980, 15.5762** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.3720, 9.5435, 9.0806**, and the grayscale version is **11.7345, 12.3456, 13.4444**.

A 20% lighter version of the original color is **27.5028, 31.3736, 36.5044**, and **3.0465, 3.8010, 4.7108** is the 20% darker color. If you saturate the color by 10%, you get **10.3106, 12.6662, 15.5371**, and if you desaturate by 10%, it is **12.1298, 13.6040, 15.6226**.

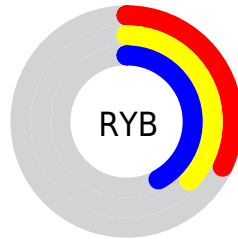
Distribution



Red (32%)

Green (42%)

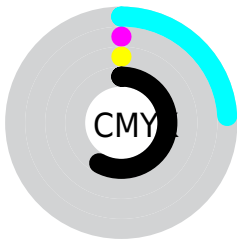
Blue (42%)



Red (32%)

Yellow (37%)

Blue (42%)

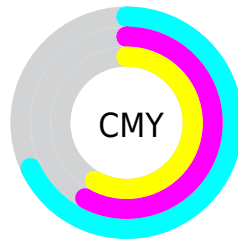


Cyan (24%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1489, 13.0980, 15.5762 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 11.1489, 13.0980, 15.5762 by changing the saturation by 10% instead.

■ 11.1489, 13.0980,
15.5762

■ 11.1489, 13.0980,
15.5762

192.5735,
211.5448, 238.5875

■ 6.2351, 7.4961,
9.0737

■ 27.5657, 31.4797,
36.6174

■ 3.0306, 3.7742,
4.6918

■ 39.7994, 45.0283,
51.9931

■ 1.1700, 1.5481,
2.0120

■ 55.2038, 61.9946,
71.1637

■ 0.0824, 0.3222,
0.5627

■ 74.1443, 82.7629,
94.5476

■ 0.0000, 0.0000,
0.0000

■ 96.9861, 107.7177,
122.5634

124.0947,

137.2433, 155.6296

155.8354,
171.7242, 194.1648

■ 11.1489, 13.0980,
15.5762

■ 11.1489, 13.0980,
15.5762

■ 10.3106, 12.6662,
15.5371

■ 12.1298, 13.6040,
15.6226

■ 9.6072, 12.3036,
15.5040

■ 13.2583, 14.1858,
15.6755

■ 9.0320, 12.0071,
15.4769

■ 14.5405, 14.8468,
15.7357

■ 8.5773, 11.7727,
15.4555

■ 15.9820, 15.5899,
15.8033

■ 8.2345, 11.5960,
15.4392

■ 17.5879, 16.4177,
15.8787

■ 7.9940, 11.4720,
15.4278

■ 19.3632, 17.3329,
15.9619

■ 7.8407, 11.3929,
15.4205

■ 21.3126, 18.3379,
16.0533

■ 7.7556, 11.3490,
15.4164

■ 23.4407, 19.4350,
16.1531

■ 25.7520, 20.6265,
16.2614

Harmonies

Analogous

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



11.1098, 13.0980, 13.4517



11.1489, 13.0980, 15.5762



11.5280, 13.0980, 17.5183

Triad

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



11.1489, 13.0980, 15.5762



13.5398, 13.0980, 17.1427



12.7398, 13.0980, 10.6381

Complementary

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



11.1489, 13.0980, 15.5762



10.3720, 9.5435, 9.0806

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.



13.4183, 13.0980, 11.4357



11.1489, 13.0980, 15.5762



13.8923, 13.0980, 15.1032

Square

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



11.1489, 13.0980, 15.5762



12.9002, 13.0980, 18.4824



13.8470, 13.0980, 13.0229



12.0089, 13.0980, 10.7377

Rectangle

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



11.1489, 13.0980, 15.5762



11.9312, 13.0980, 18.3838



13.8470, 13.0980, 13.0229



12.9821, 13.0980, 10.8067

Sweetspot

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



11.1493, 13.0985, 15.5765



22.5225, 24.5112, 27.4749



10.0688, 12.6705, 9.6998



5.2602, 5.7337, 6.4353



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.1493, 13.0985, 15.5765



18.7724, 22.5780, 27.2987



9.9906, 10.7810, 15.1906



3.1818, 3.4919, 3.9411



9.6245, 14.0839, 19.1313



49.0406, 71.7633, 97.4816

Inverse Universe

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



10.3720, 9.5435, 9.0806



17.1663, 15.2324, 13.8765



11.3512, 11.5021, 9.4067



3.0998, 3.1168, 3.2557



7.3765, 3.8027, 0.3454



37.5865, 19.3766, 1.7594

Previews

White Background



This preview shows how the XYZ color 11.1489, 13.0980, 15.5762 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 11.1489, 13.0980, 15.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

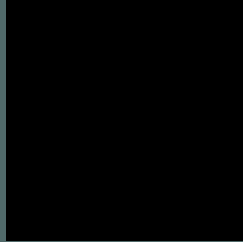
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1489, 13.0980, 15.5762

Background



This preview shows how black text looks on a background with the XYZ color 11.1489, 13.0980, 15.5762.



This preview shows how white text looks on a background with the XYZ color 11.1489, 13.0980,

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

11.1489, 13.0980, 15.5762

Protanopia

12.5814, 13.1114, 14.6996

Deuteranopia

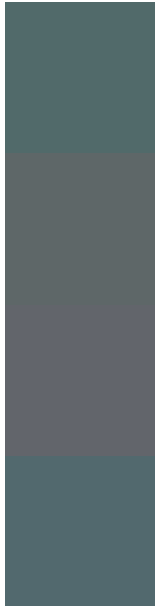
13.2588, 13.0062, 15.9990



Tritanopia

11.5995, 13.1344, 17.5466

Trichromacy



Original Color

11.1489, 13.0980, 15.5762

Protanomaly

11.9650, 13.0797, 14.9907

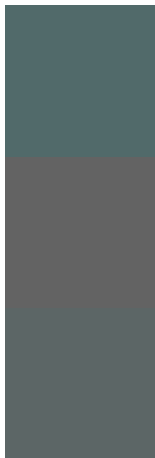
Deuteranomaly

12.3445, 12.9656, 15.7619

Tritanomaly

11.3457, 13.0228, 16.6675

Monochromacy



Original Color

11.1489, 13.0980, 15.5762

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.5633, 12.7374, 14.4195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1489, 13.0980, 15.5762 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(81, 106, 106) looks like.

```
.text, #text, p{  
    color:rgb(81, 106, 106)  
}
```

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(81, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 106, 106) }
```

Border

The CSS property to change the border of an element to XYZ 11.1489, 13.0980, 15.5762 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(81, 106, 106) }
```


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

```
.border{ border-color:rgb(81, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(81, 106,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1489, 13.0980, 15.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 106, 106) }
```

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

```
.background{ background-color: rgb(81, 106,  
106) }
```

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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