

Converting Colors

XYZ(11.9125, 14.5460, 11.3652)

Have a look what the booklet for
XYZ(11.9125, 14.5460, 11.3652)
contains.

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Color

**XYZ(11.8700, 14.5171,
11.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7058
RGB	91, 112, 88
RGB Percent	36%, 44%, 35%
CMY	0.6431, 0.5608, 0.6549
CMYK	0.19, 0.00, 0.21, 0.56
HSL	113°, 12%, 39%
HSV	113°, 21%, 44%
XYZ	11.8700, 14.5171, 11.4090
YIQ	102.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

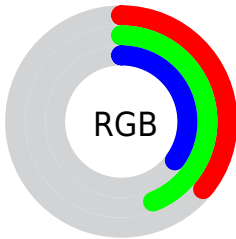
Format	Color
R_{YB}	88, 112, 109
Decimal	5992536
CIE _{Lab}	44.97, -12.86, 10.82
CIE _{LCh}	45, 16.808, 139.910
Yxy	14.5171, 0.3141, 0.3841
Android (android.graphics.Color)	4284182616 (0xFF5B7058)
YUV	102.9850, -7.3876, -10.5108
Hunter-Lab	38.1013, -11.0678, 8.9172

Details

The XYZ color **11.8700, 14.5171, 11.4090** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7217, 11.4010, 16.8602**, and the grayscale version is **12.9083, 13.5805, 14.7892**.

A 20% lighter version of the original color is **28.8474, 34.0486, 29.0964**, and **3.3335, 4.3918, 2.8625** is the 20% darker color. If you saturate the color by 10%, you get **10.5375, 13.8801, 9.1081**, and if you desaturate by 10%, it is **13.4008, 15.2489, 14.0919**.

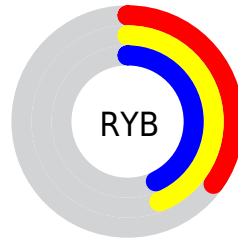
Distribution



Red (36%)

Green (44%)

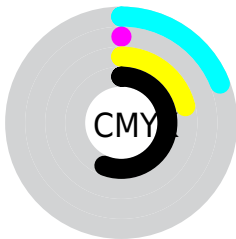
Blue (35%)



Red (35%)

Yellow (44%)

Blue (43%)

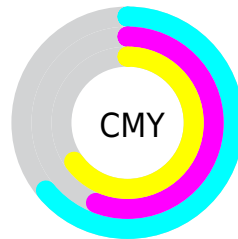


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8700, 14.5171, 11.4090 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 11.8700, 14.5171, 11.4090 by changing the saturation by 10% instead.

■ 11.8700, 14.5171,
11.4090

■ 11.8700, 14.5171,
11.4090

197.3303,
220.4244, 211.2896

■ 6.7268, 8.4812,
6.2250

■ 28.8770, 34.0038,
29.0622

■ 3.3366, 4.4044,
2.9114

■ 41.4716, 48.2233,
42.3684

■ 1.3342, 1.9022,
1.0496

■ 57.2806, 65.9395,
59.2192

■ 0.2086, 0.5497,
0.0000

■ 76.6694, 87.5368,
80.0330

■ 0.0000, 0.0000,
0.0000

■ 100.0035,
113.3995, 105.2284

127.6480,

143.9121, 135.2240

159.9685,
179.4590, 170.4382

■ 11.8700, 14.5171,
11.4090

■ 11.8700, 14.5171,
11.4090

■ 10.5375, 13.8801,
9.1081

■ 13.4008, 15.2489,
14.0919

■ 9.3940, 13.3323,
7.1710

■ 15.1364, 16.0772,
17.1722

■ 8.4313, 12.8703,
5.5793

■ 17.0844, 17.0062,
20.6654

■ 7.6400, 12.4895,
4.3128

■ 19.2516, 18.0389,
24.5859

■ 7.0099, 12.1854,
3.3490

■ 21.6446, 19.1784,
28.9476

■ 6.5298, 11.9526,
2.6627

■ 24.2697, 20.4279,
33.7635

■ 6.1867, 11.7851,
2.2243

■ 27.1329, 21.7899,
39.0464

■ 5.9755, 11.6823,
1.9400

■ 30.2400, 23.2674,
44.8082

■ 33.5967, 24.8629,
51.0607

Harmonies

Analogous

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



12.9159, 14.5171, 9.6953



11.8700, 14.5171, 11.4090



11.3520, 14.5171, 14.5150

Triad

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



11.8700, 14.5171, 11.4090



13.3394, 14.5171, 24.5092



16.4402, 14.5171, 13.3625

Complementary

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



11.8700, 14.5171, 11.4090



12.7217, 11.4010, 16.8602

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.



16.5724, 14.5171, 17.1727



11.8700, 14.5171, 11.4090



14.7195, 14.5171, 24.0619

Square

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



11.8700, 14.5171, 11.4090



12.1622, 14.5171, 22.3463



15.9244, 14.5171, 21.2101



15.5744, 14.5171, 10.6863

Rectangle

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



11.8700, 14.5171, 11.4090



11.3508, 14.5171, 17.1479



15.9244, 14.5171, 21.2101



16.5740, 14.5171, 14.5373

Sweetspot

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



11.8704, 14.5177, 11.4093



25.1025, 27.5328, 27.5189



13.8915, 15.0447, 11.4045



5.9968, 6.5984, 6.5510



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.



11.8704, 14.5177, 11.4093



19.5803, 24.8945, 17.8377



11.9675, 14.5231, 13.4333



3.3803, 3.7814, 3.6251



6.8951, 13.4982, 2.2420



33.9302, 67.0257, 11.1489

Inverse Universe

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



12.7217, 11.4010, 16.8602



21.3754, 18.3176, 29.3388



12.6306, 11.4079, 14.4215



3.4754, 3.4334, 4.2337



9.1920, 4.3481, 18.0764



45.2923, 21.4034, 90.0232

Previews

White Background



This preview shows how the XYZ color 11.8700, 14.5171, 11.4090 looks on a white background.

Color Contrast Check

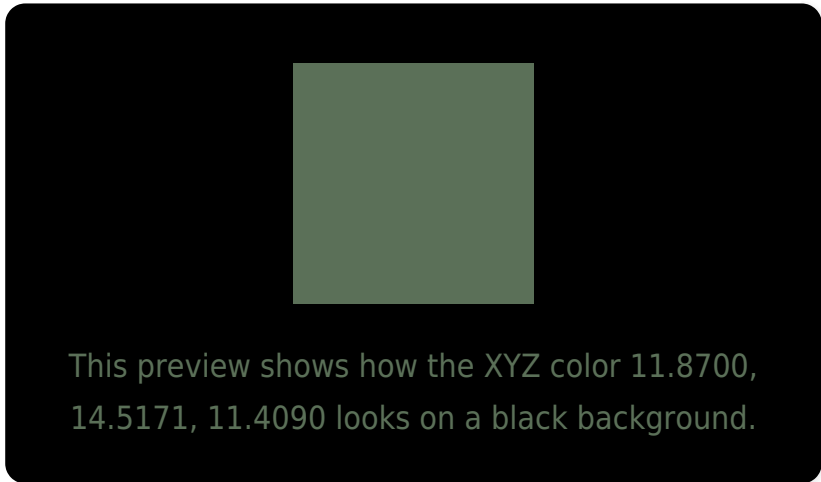
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

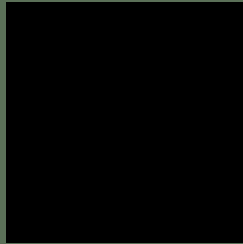
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8700, 14.5171, 11.4090

Background



This preview shows how black text looks on a background with the XYZ color 11.8700, 14.5171, 11.4090.



This preview shows how white text looks on a background with the XYZ color 11.8700, 14.5171,

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

11.8700, 14.5171, 11.4090

Protanopia

13.6038, 14.4747, 10.6712

Deuteranopia

14.6229, 14.3785, 11.6775



Tritanopia

13.3973, 14.4963, 18.9216

Trichromacy



Original Color

11.8700, 14.5171, 11.4090

Protanomaly

12.8680, 14.4003, 10.9054

Deuteranomaly

13.5128, 14.4088, 11.5202

Tritanomaly

12.6863, 14.3576, 15.7383

Monochromacy



Original Color

11.8700, 14.5171, 11.4090

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.5042, 13.8426, 13.5681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8700, 14.5171, 11.4090 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(91, 112, 88) looks like.

```
.text, #text, p{  
    color:rgb(91, 112, 88)  
}
```

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(91, 112, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 112, 88) }
```

Border

The CSS property to change the border of an element to XYZ 11.8700, 14.5171, 11.4090 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(91, 112, 88) }
```


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

```
.border{ border-color:rgb(91, 112, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 112, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 112, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 112, 88);  
box-shadow:4px 4px 4px 4px rgb(91, 112,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8700, 14.5171, 11.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 112, 88) }
```

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

```
.background{ background-color: rgb(91, 112,  
88) }
```

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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