

Converting Colors

XYZ(11.6282, 16.3265, 11.7739)

Have a look what the booklet for
XYZ(11.6282, 16.3265, 11.7739)
contains.

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Color

**XYZ(11.5921, 16.2870,
11.7653)**

Conversions

Conversions Part 1

Format	Color
Hex	497B58
RGB	73, 123, 88
RGB Percent	29%, 48%, 35%
CMY	0.7137, 0.5176, 0.6549
CMYK	0.41, 0.00, 0.28, 0.52
HSL	138°, 26%, 38%
HSV	138°, 41%, 48%
XYZ	11.5921, 16.2870, 11.7653
YIQ	104.0600, -18.5650, -21.4850

Conversions

Conversions Part 2

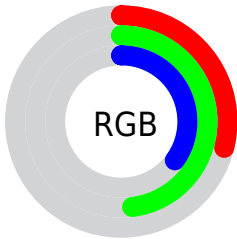
Format	Color
R_{YB}	73, 111, 123
Decimal	4815704
CIE _{Lab}	47.35, -25.10, 13.96
CIE _{LCh}	47, 28.720, 150.912
Yxy	16.2870, 0.2924, 0.4108
Android (android.graphics.Color)	4283005784 (0xFF497B58)
YUV	104.0600, -7.9176, -27.2396
Hunter-Lab	40.3572, -19.3531, 10.9652

Details

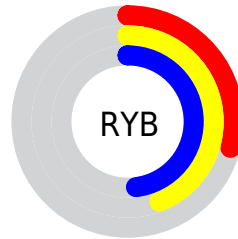
The XYZ color **11.5921, 16.2870, 11.7653** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.2583, 10.0591, 15.4308**, and the grayscale version is **13.1986, 13.8860, 15.1218**.

A 20% lighter version of the original color is **28.4250, 37.1707, 29.7213**, and **3.2200, 5.2469, 3.0335** is the 20% darker color. If you saturate the color by 10%, you get **10.4150, 15.7194, 9.9572**, and if you desaturate by 10%, it is **12.9966, 16.9678, 13.8047**.

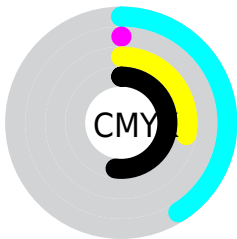
Distribution



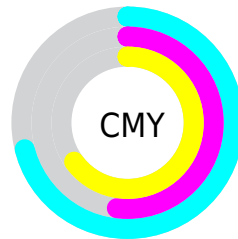
- Red (29%)
- Green (48%)
- Blue (35%)



- Red (29%)
- Yellow (44%)
- Blue (48%)



- Cyan (41%)
- Magenta (0%)
- Yellow (28%)
- Black (52%)



- Cyan (71%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5921, 16.2870, 11.7653 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 11.5921, 16.2870, 11.7653 by changing the saturation by 10% instead.

■ 11.5921, 16.2870,
11.7653

■ 11.5921, 16.2870,
11.7653

195.5114,
231.0293, 213.7677

■ 6.5368, 9.7275,
6.4635

■ 28.3733, 37.0957,
29.7249

■ 3.2179, 5.2186,
3.0556

■ 40.8300, 52.1137,
43.2198

■ 1.2700, 2.3761,
1.1231

■ 56.4844, 70.7200,
60.2827

■ 0.1606, 0.8136,
0.0000

■ 75.7021, 93.2989,
81.3323

■ 0.0000, 0.0000,
0.0000

■ 98.8482, 120.2350,
106.7870

126.2883,

151.9124, 137.0655

158.3875,
188.7158, 172.5862

■ 11.5921, 16.2870,
11.7653

■ 11.5921, 16.2870,
11.7653

■ 10.4150, 15.7194,
9.9572

■ 12.9966, 16.9678,
13.8047

■ 9.4515, 15.2568,
8.3712

■ 14.6386, 17.7656,
16.0820

■ 8.6885, 14.8931,
6.9988

■ 16.5292, 18.6864,
18.6052

■ 8.1108, 14.6205,
5.8307

■ 18.6783, 19.7350,
21.3812

■ 7.7007, 14.4302,
4.8571

■ 21.0954, 20.9164,
24.4168

■ 7.4156, 14.2995,
4.1113

■ 23.7893, 22.2349,
27.7187

■ 26.7687, 23.6948,
31.2931

■ 30.0417, 25.3002,
35.1461

■ 33.6160, 27.0549,
39.2836

Harmonies

Analogous

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



13.1041, 16.2870, 8.2358



11.5921, 16.2870, 11.7653



11.0920, 16.2870, 17.9574

Triad

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



11.5921, 16.2870, 11.7653



15.5582, 16.2870, 35.7208



20.0606, 16.2870, 11.4743

Complementary

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



11.5921, 16.2870, 11.7653



13.2583, 10.0591, 15.4308

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.



20.8959, 16.2870, 17.5120



11.5921, 16.2870, 11.7653



18.1277, 16.2870, 32.6470

Square

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



11.5921, 16.2870, 11.7653



13.2250, 16.2870, 32.9827



20.1532, 16.2870, 25.4410



17.9784, 16.2870, 8.1029

Rectangle

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



11.5921, 16.2870, 11.7653



11.3511, 16.2870, 23.2103



20.1532, 16.2870, 25.4410



20.5061, 16.2870, 13.1945

Sweetspot

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



11.5925, 16.2877, 11.7657



29.0103, 33.1744, 32.5420



14.5724, 17.8884, 8.9883



6.7484, 7.7722, 7.5532



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.5925, 16.2877, 11.7657



18.7355, 28.1895, 17.9661



12.7651, 16.7567, 17.9402



3.9958, 4.4679, 4.5117



7.6689, 14.7912, 4.2412



36.2472, 70.4219, 18.4715

Inverse Universe

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



13.2583, 10.0591, 15.4308



22.1575, 15.3722, 25.4793



12.1451, 9.6139, 9.5692



4.1057, 4.0580, 4.7542



10.1895, 5.0520, 9.5549



48.2156, 23.9426, 43.5268

Previews

White Background



This preview shows how the XYZ color 11.5921, 16.2870, 11.7653 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 11.5921, 16.2870, 11.7653 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 11.5921, 16.2870, 11.7653

Background



This preview shows how black text looks on a background with the XYZ color 11.5921, 16.2870, 11.7653.



This preview shows how white text looks on a background with the XYZ color 11.5921, 16.2870,

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

11.5921, 16.2870, 11.7653

Protanopia

15.1012, 16.2059, 10.5158

Deuteranopia

16.3519, 16.0165, 12.1272



Tritanopia

13.7889, 16.2830, 22.4949

Trichromacy



Original Color

11.5921, 16.2870, 11.7653

Protanomaly

13.4786, 16.0302, 10.9781

Deuteranomaly

14.0573, 15.7996, 11.9816

Tritanomaly

12.9216, 16.2875, 18.0855

Monochromacy



Original Color

11.5921, 16.2870, 11.7653

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.4032, 14.5779, 13.7154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5921, 16.2870, 11.7653 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(73, 123, 88)` looks like.

```
.text, #text, p{  
    color:rgb(73, 123, 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(73, 123, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 123, 88) }
```

Border

The CSS property to change the border of an element to XYZ 11.5921, 16.2870, 11.7653 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(73, 123, 88) }
```


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

```
.border{ border-color:rgb(73, 123, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 123, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 123, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 123, 88);  
box-shadow:4px 4px 4px 4px rgb(73, 123,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5921, 16.2870, 11.7653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 123, 88) }
```

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

```
.background{ background-color: rgb(73, 123,  
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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