

Converting Colors

XYZ(15.9416, 16.2921, 11.5370)

Have a look what the booklet for
XYZ(15.9416, 16.2921, 11.5370)
contains.

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Color

**XYZ(15.9416, 16.2921,
11.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6E58
RGB	126, 110, 88
RGB Percent	49%, 43%, 35%
CMY	0.5059, 0.5686, 0.6549
CMYK	0.00, 0.13, 0.30, 0.51
HSL	35°, 18%, 42%
HSV	35°, 30%, 49%
XYZ	15.9416, 16.2921, 11.5370
YIQ	112.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

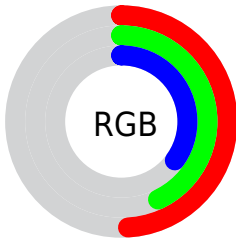
Format	Color
R_{YB}	116, 126, 88
Decimal	8285784
CIE _{Lab}	47.36, 2.66, 14.59
CIE _{LCh}	47, 14.834, 79.680
Yxy	16.2921, 0.3642, 0.3722
Android (android.graphics.Color)	4286475864 (0xFF7E6E58)
YUV	112.2760, -11.9681, 12.0359
Hunter-Lab	40.3635, -0.1373, 11.3077

Details

The XYZ color **15.9416, 16.2921, 11.5370** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7406, 13.4813, 21.6694**, and the grayscale version is **15.5132, 16.3211, 17.7737**.

A 20% lighter version of the original color is **35.9227, 36.9084, 29.2755**, and **5.1759, 5.2587, 2.9327** is the 20% darker color. If you saturate the color by 10%, you get **14.9090, 14.9911, 8.8366**, and if you desaturate by 10%, it is **17.0996, 17.6992, 14.7247**.

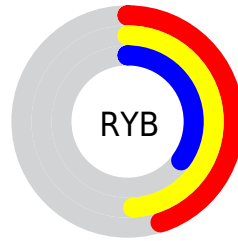
Distribution



Red (49%)

Green (43%)

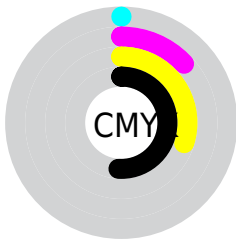
Blue (35%)



Red (45%)

Yellow (49%)

Blue (35%)

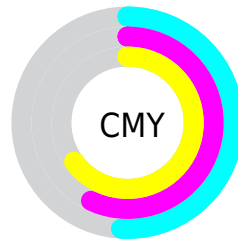


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9416, 16.2921, 11.5370 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 15.9416, 16.2921, 11.5370 by changing the saturation by 10% instead.

■ 15.9416, 16.2921,
11.5370

■ 15.9416, 16.2921,
11.5370

222.2740,
231.0592, 212.1835

■ 9.5734, 9.7311,
6.3106

■ 36.0551, 37.1046,
29.3007

■ 5.1771, 5.2210,
2.9630

■ 50.5310, 52.1248,
42.6750

■ 2.3874, 2.3775,
1.0758

■ 68.4403, 70.7336,
59.6023

■ 0.8388, 0.8143,
0.0000

■ 90.1483, 93.3153,
80.5012

■ 0.0000, 0.0000,
0.0000

■ 116.0203,
120.2543, 105.7903

146.4217,

151.9350, 135.8880

181.7178,
188.7419, 171.2129

■ 15.9416, 16.2921,
11.5370

■ 15.9416, 16.2921,
11.5370

■ 14.9090, 14.9911,
8.8366

■ 17.0996, 17.6992,
14.7247

■ 13.9952, 13.7910,
6.5978

■ 18.3865, 19.2131,
18.4216

■ 13.1951, 12.6892,
4.7942

■ 19.8075, 20.8372,
22.6495

■ 12.5023, 11.6822,
3.3961

■ 21.3668, 22.5742,
27.4284

■ 11.9100, 10.7663,
2.3701

■ 23.0685, 24.4266,
32.7776

■ 11.4101, 9.9372,
1.6775

■ 24.9167, 26.3969,
38.7153

■ 10.9839, 9.1951,
1.1959

■ 26.9152, 28.4872,
45.2588

■ 29.0674, 30.7001,
52.4248

■ 31.3771, 33.0375,
60.2293

Harmonies

Analogous

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



17.1760, 16.2921, 12.7801



15.9416, 16.2921, 11.5370



14.6508, 16.2921, 11.7677

Triad

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



15.9416, 16.2921, 11.5370



13.2286, 16.2921, 20.2861



17.4899, 16.2921, 22.8383

Complementary

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



15.9416, 16.2921, 11.5370



12.7406, 13.4813, 21.6694

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.



16.3506, 16.2921, 25.4511



15.9416, 16.2921, 11.5370



13.9091, 16.2921, 23.8396

Square

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



15.9416, 16.2921, 11.5370



13.1329, 16.2921, 16.4760



15.0375, 16.2921, 25.8414



18.1028, 16.2921, 19.0657

Rectangle

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



15.9416, 16.2921, 11.5370



13.9292, 16.2921, 12.7385



15.0375, 16.2921, 25.8414



17.1529, 16.2921, 23.9027

Sweetspot

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



15.9420, 16.2928, 11.5373



32.5910, 34.0816, 33.0906



14.6165, 12.4243, 14.8493



7.3469, 7.6754, 7.3325



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.



15.9420, 16.2928, 11.5373



26.8224, 27.1275, 17.0388



17.4577, 19.8719, 12.1483



4.5183, 4.7254, 4.5941



11.2642, 9.4248, 1.2255



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.7406, 13.4813, 21.6694



20.2640, 21.3698, 37.8011



11.5243, 10.6865, 21.1941



4.2461, 4.4861, 5.4554



5.1675, 4.1535, 20.7793



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9416, 16.2921, 11.5370 looks on a white background.

Color Contrast Check

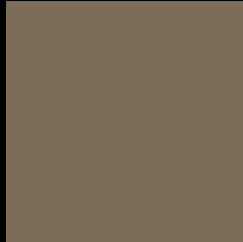
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9416, 16.2921, 11.5370 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

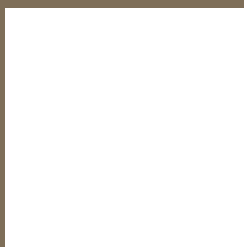
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9416, 16.2921, 11.5370

Background



This preview shows how black text looks on a background with the XYZ color 15.9416, 16.2921, 11.5370.



This preview shows how white text looks on a background with the XYZ color 15.9416, 16.2921,

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

15.9416, 16.2921, 11.5370

Protanopia

15.3431, 16.3027, 11.7893

Deuteranopia

16.4841, 16.2550, 11.5012



Tritanopia

17.3018, 16.2130, 18.4372

Trichromacy



Original Color

15.9416, 16.2921, 11.5370

Protanomaly

15.5137, 16.2277, 11.7658

Deuteranomaly

16.2834, 16.3090, 11.5222

Tritanomaly

16.7096, 16.1245, 15.5963

Monochromacy



Original Color

15.9416, 16.2921, 11.5370

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4687, 16.1301, 15.1301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9416, 16.2921, 11.5370 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(126, 110, 88)` looks like.

```
.text, #text, p{  
    color:rgb(126, 110, 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(126, 110, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 110, 88) }
```

Border

The CSS property to change the border of an element to XYZ 15.9416, 16.2921, 11.5370 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(126, 110, 88) }
```


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

```
.border{ border-color:rgb(126, 110, 88) }
```

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

Here you see how a box with a 4 pixel rgb(126, 110, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 110, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 110, 88);  
box-shadow:4px 4px 4px 4px rgb(126, 110,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9416, 16.2921, 11.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 110, 88) }
```

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

```
.background{ background-color: rgb(126,  
110, 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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