

Converting Colors

XYZ(15.3882, 13.5754, 21.1946)

Have a look what the booklet for
XYZ(15.3882, 13.5754, 21.1946)
contains.

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Color

**XYZ(15.4016, 13.5870,
21.2128)**

Conversions

Conversions Part 1

Format	Color
Hex	775F7D
RGB	119, 95, 125
RGB Percent	47%, 37%, 49%
CMY	0.5333, 0.6274, 0.5098
CMYK	0.05, 0.24, 0.00, 0.51
HSL	288°, 14%, 43%
HSV	288°, 24%, 49%
XYZ	15.4016, 13.5870, 21.2128
YIQ	105.5960, 4.6740, 14.4180

Conversions

Conversions Part 2

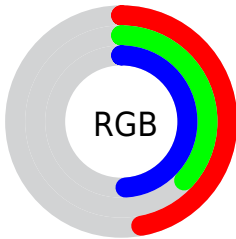
Format	Color
R_{YB}	119, 95, 125
Decimal	7823229
CIE _{Lab}	43.63, 15.55, -13.12
CIE _{LCh}	44, 20.345, 319.828
Yxy	13.5870, 0.3068, 0.2706
Android (android.graphics.Color)	4286013309 (0xFF775F7D)
YUV	105.5960, 9.5662, 11.7553
Hunter-Lab	36.8605, 10.0775, -8.3183

Details

The XYZ color **15.4016, 13.5870, 21.2128** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.7664, 18.2605, 13.5735**, and the grayscale version is **13.5634, 14.2697, 15.5397**.

A 20% lighter version of the original color is **35.1094, 32.4300, 46.5286**, and **4.9286, 4.0205, 7.3537** is the 20% darker color. If you saturate the color by 10%, you get **14.0263, 11.3388, 20.8515**, and if you desaturate by 10%, it is **16.9675, 16.2024, 21.6353**.

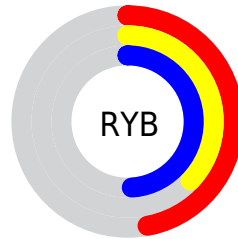
Distribution



Red (47%)

Green (37%)

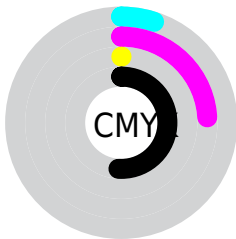
Blue (49%)



Red (47%)

Yellow (37%)

Blue (49%)

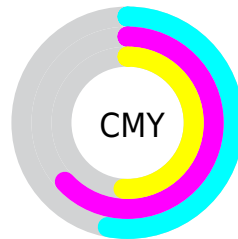


Cyan (5%)

Magenta (24%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (63%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4016, 13.5870, 21.2128 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 15.4016, 13.5870, 21.2128 by changing the saturation by 10% instead.

■ 15.4016, 13.5870,
21.2128

■ 15.4016, 13.5870,
21.2128

219.1248,
214.6462, 271.2254

■ 9.1899, 7.8340,
13.0869

■ 35.1221, 32.3544,
46.3268

■ 4.9233, 3.9889,
7.3570

■ 49.3615, 46.1376,
64.1520

■ 2.2366, 1.6674,
3.6045

■ 67.0076, 63.3663,
86.0473

■ 0.7619, 0.4024,
1.4110

■ 88.4257, 84.4249,
112.4313

■ 0.0000, 0.0000,
0.1503

113.9811,
109.6978, 143.7226

■ 0.0000, 0.0000,
0.0000

144.0392,

139.5693, 180.3397

178.9653,
174.4240, 222.7011

■ 15.4016, 13.5870,
21.2128

■ 15.4016, 13.5870,
21.2128

■ 14.0263, 11.3388,
20.8515

■ 16.9675, 16.2024,
21.6353

■ 12.8316, 9.4388,
20.5478

■ 18.7308, 19.1995,
22.1208

■ 11.8085, 7.8690,
20.2987

■ 20.6996, 22.5937,
22.6722

■ 10.9469, 6.6089,
20.1009

■ 22.8810, 26.3996,
23.2919

■ 10.2354, 5.6359,
19.9506

■ 25.2818, 30.6306,
23.9820

9.6609, 4.9242,
19.8435

27.9087, 35.2997,
24.7448

9.2062, 4.4392,
19.7738

30.7678, 40.4193,
25.5823

8.9572, 4.1900,
19.7389

33.8652, 46.0014,
26.4965

37.2066, 52.0573,
27.4893

Harmonies

Analogous

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



13.9823, 13.5870, 24.6882



15.4016, 13.5870, 21.2128



16.1734, 13.5870, 16.3997

Triad

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



15.4016, 13.5870, 21.2128



13.4632, 13.5870, 7.7244



10.2389, 13.5870, 17.9770

Complementary

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



15.4016, 13.5870, 21.2128



14.7664, 18.2605, 13.5735

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.



10.1249, 13.5870, 13.2966



15.4016, 13.5870, 21.2128



11.9016, 13.5870, 7.9751

Square

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



15.4016, 13.5870, 21.2128



14.9948, 13.5870, 9.0471



10.7099, 13.5870, 9.8213



11.0353, 13.5870, 22.5698

Rectangle

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



15.4016, 13.5870, 21.2128



16.1771, 13.5870, 13.3451



10.7099, 13.5870, 9.8213



10.1222, 13.5870, 16.3440

Sweetspot

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



15.4020, 13.5876, 21.2131



32.5016, 32.6036, 39.3245



13.1239, 13.3189, 21.2813



7.3620, 7.3634, 8.9363



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.



15.4020, 13.5876, 21.2131



26.1353, 21.9568, 37.6050



15.7316, 13.8176, 18.5142



4.4166, 4.3704, 5.4241



9.3429, 4.3701, 20.6010



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.8990, 13.4845, 14.1300



25.0992, 21.7583, 22.3922



14.5267, 18.0898, 15.6905



4.3602, 4.3572, 4.7015



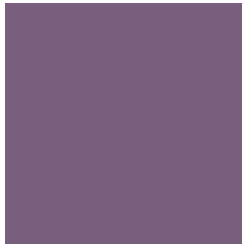
9.0080, 4.6229, 1.3658



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4016, 13.5870, 21.2128 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 15.4016, 13.5870, 21.2128 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 15.4016, 13.5870, 21.2128

Background



This preview shows how black text looks on a background with the XYZ color 15.4016, 13.5870, 21.2128.



This preview shows how white text looks on a background with the XYZ color 15.4016, 13.5870,

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

15.4016, 13.5870, 21.2128

Protanopia

13.6045, 13.6012, 23.0274

Deuteranopia

13.8853, 13.6462, 20.9709



Tritanopia

14.1717, 13.4890, 15.4924

Trichromacy



Original Color

15.4016, 13.5870, 21.2128

Protanomaly

14.0670, 13.4252, 22.2720

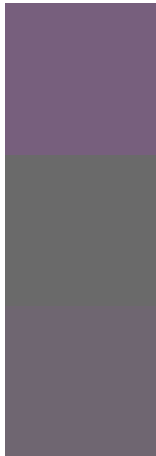
Deuteranomaly

14.4066, 13.6301, 20.9403

Tritanomaly

14.5914, 13.5236, 17.4640

Monochromacy



Original Color

15.4016, 13.5870, 21.2128

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2876, 14.0745, 17.5864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4016, 13.5870, 21.2128 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(119, 95, 125)` looks like.

```
.text, #text, p{  
    color:rgb(119, 95, 125)  
}
```

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(119, 95, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 95, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.4016, 13.5870, 21.2128 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(119, 95, 125) }
```


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

```
.border{ border-color:rgb(119, 95, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 95, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 95, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 95, 125);  
box-shadow:4px 4px 4px 4px rgb(119, 95,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4016, 13.5870, 21.2128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 95, 125) }
```

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

```
.background{ background-color: rgb(119, 95,  
125) }
```

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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