

Converting Colors

XYZ(15.2448, 13.5804, 18.2936)

Have a look what the booklet for
XYZ(15.2448, 13.5804, 18.2936)
contains.

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Color

**XYZ(15.2706, 13.5829,
18.3399)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5F74
RGB	122, 95, 116
RGB Percent	48%, 37%, 45%
CMY	0.5216, 0.6274, 0.5451
CMYK	0.00, 0.22, 0.05, 0.52
HSL	313°, 12%, 43%
HSV	313°, 22%, 48%
XYZ	15.2706, 13.5829, 18.3399
YIQ	105.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

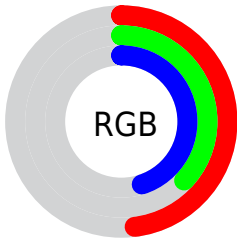
Format	Color
R_{YB}	122, 95, 116
Decimal	8019828
CIE _{Lab}	43.63, 14.80, -7.64
CIE _{LCh}	44, 16.654, 332.677
Yxy	13.5829, 0.3236, 0.2878
Android (android.graphics.Color)	4286209908 (0xFF7A5F74)
YUV	105.4670, 5.1928, 14.4994
Hunter-Lab	36.8550, 9.4640, -3.7056

Details

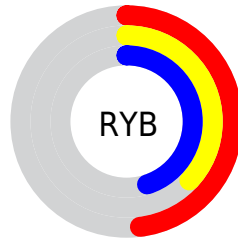
The XYZ color **15.2706, 13.5829, 18.3399** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0283, 17.2919, 14.9109**, and the grayscale version is **13.5389, 14.2439, 15.5116**.

A 20% lighter version of the original color is **35.0260, 32.4989, 41.4726**, and **4.8894, 4.0304, 5.9891** is the 20% darker color. If you saturate the color by 10%, you get **14.1013, 11.4928, 17.1834**, and if you desaturate by 10%, it is **16.6175, 16.0203, 19.5786**.

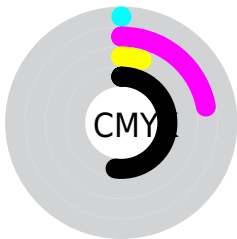
Distribution



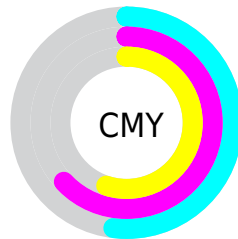
- Red (48%)
- Green (37%)
- Blue (45%)



- Red (48%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (52%)



- Cyan (52%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2706, 13.5829, 18.3399 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 15.2706, 13.5829, 18.3399 by changing the saturation by 10% instead.

■ 15.2706, 13.5829,
18.3399

■ 15.2706, 13.5829,
18.3399

218.3543,
214.6204, 255.0801

■ 9.0971, 7.8311,
11.0223

■ 34.8950, 32.3471,
41.4374

■ 4.8622, 3.9871,
5.9675

■ 49.0765, 46.1283,
58.0544

■ 2.2005, 1.6663,
2.7569

■ 66.6581, 63.3548,
78.6083

■ 0.7430, 0.4017,
0.9719

■ 88.0051, 84.4110,
103.5176

■ 0.0000, 0.0000,
0.0000

113.4829,
109.6813, 133.2009

143.4568,

139.5500, 168.0768

178.2922,
174.4015, 208.5636

■ 15.2706, 13.5829,
18.3399

■ 15.2706, 13.5829,
18.3399

■ 14.1013, 11.4928,
17.1834

■ 16.6175, 16.0203,
19.5786

■ 13.1002, 9.7321,
16.1054

■ 18.1482, 18.8183,
20.9013

■ 12.2592, 8.2844,
15.1031

■ 19.8703, 21.9913,
22.3109

■ 11.5688, 7.1306,
14.1731

■ 21.7903, 25.5528,
23.8098

■ 11.0186, 6.2500,
13.3117

■ 23.9147, 29.5154,
25.4003

■ 10.5966, 5.6188,
12.5149

■ 26.2496, 33.8912,
27.0845

■ 10.2890, 5.2095,
11.7777

■ 28.8007, 38.6919,
28.8646

■ 10.0866, 4.9618,
11.2257

■ 31.5736, 43.9284,
30.7427

■ 34.5738, 49.6116,
32.7207

Harmonies

Analogous

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



14.3131, 13.5829, 21.7017



15.2706, 13.5829, 18.3399



15.5828, 13.5829, 14.4563

Triad

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



15.2706, 13.5829, 18.3399



12.7933, 13.5829, 8.7090



10.9108, 13.5829, 19.0193

Complementary

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



15.2706, 13.5829, 18.3399



14.0283, 17.2919, 14.9109

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.



10.5620, 13.5829, 15.1277



15.2706, 13.5829, 18.3399



11.6020, 13.5829, 9.5271

Square

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



15.2706, 13.5829, 18.3399



14.0967, 13.5829, 9.2789



10.8064, 13.5829, 11.7296



11.7921, 13.5829, 22.1381

Rectangle

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



15.2706, 13.5829, 18.3399



15.3670, 13.5829, 12.1879



10.8064, 13.5829, 11.7296



10.7302, 13.5829, 17.7371

Sweetspot

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



15.2710, 13.5835, 18.3402



30.5294, 30.5451, 35.5798



12.9556, 12.3482, 20.1132



6.9556, 6.9385, 8.1138



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.2710, 13.5835, 18.3402



25.6921, 21.7927, 31.1244



14.5493, 13.2948, 14.5399



4.1182, 4.0630, 4.8200



10.6163, 5.2227, 11.8021



50.3112, 24.7808, 54.5624

Inverse Universe

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



15.2710, 13.5835, 18.3402



25.6921, 21.7927, 31.1244



14.7365, 17.5752, 18.6403



4.1182, 4.0630, 4.8200



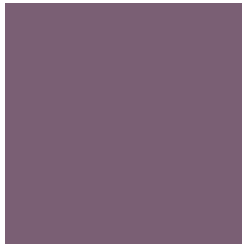
10.6163, 5.2227, 11.8021



50.3112, 24.7808, 54.5624

Previews

White Background



This preview shows how the XYZ color 15.2706, 13.5829, 18.3399 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 15.2706, 13.5829, 18.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

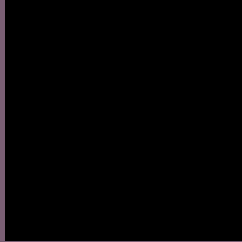
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2706, 13.5829, 18.3399

Background



This preview shows how black text looks on a background with the XYZ color 15.2706, 13.5829, 18.3399.



This preview shows how white text looks on a background with the XYZ color 15.2706, 13.5829,

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

15.2706, 13.5829, 18.3399

Protanopia

13.4581, 13.5925, 20.0035

Deuteranopia

13.9325, 13.7333, 18.1361



Tritanopia

14.5702, 13.5624, 15.2145

Trichromacy



Original Color

15.2706, 13.5829, 18.3399

Protanomaly

13.9760, 13.4437, 19.3111

Deuteranomaly

14.3664, 13.6722, 18.1015

Tritanomaly

14.8283, 13.5348, 16.2989

Monochromacy



Original Color

15.2706, 13.5829, 18.3399

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.9695, 13.7910, 16.3937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2706, 13.5829, 18.3399 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(122, 95, 116)` looks like.

```
.text, #text, p{  
    color:rgb(122, 95, 116)  
}
```

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(122, 95, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 95, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.2706, 13.5829, 18.3399 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(122, 95, 116) }
```


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

```
.border{ border-color:rgb(122, 95, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 95, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 95, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 95, 116);  
box-shadow:4px 4px 4px 4px rgb(122, 95,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2706, 13.5829, 18.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 95, 116) }
```

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

```
.background{ background-color: rgb(122, 95,  
116) }
```

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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