

Converting Colors

XYZ(13.5479, 10.8346, 15.2513)

Have a look what the booklet for
XYZ(13.5479, 10.8346, 15.2513)
contains.

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Color

**XYZ(13.6182, 10.8645,
15.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4F6B
RGB	123, 79, 107
RGB Percent	48%, 31%, 42%
CMY	0.5176, 0.6902, 0.5804
CMYK	0.00, 0.36, 0.13, 0.52
HSL	322°, 22%, 40%
HSV	322°, 36%, 48%
XYZ	13.6182, 10.8645, 15.2892
YIQ	95.3480, 17.2360, 18.0360

Conversions

Conversions Part 2

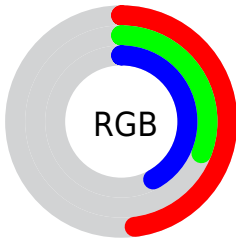
Format	Color
R_{YB}	123, 79, 107
Decimal	8081259
CIE Lab	39.35, 23.05, -8.52
CIE LCh	39, 24.577, 339.716
Yxy	10.8645, 0.3424, 0.2732
Android (android.graphics.Color)	4286271339 (0xFF7B4F6B)
YUV	95.3480, 5.7444, 24.2508
Hunter-Lab	32.9613, 16.0661, -4.4289

Details

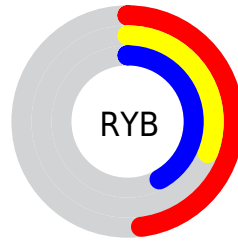
The XYZ color **13.6182, 10.8645, 15.2892** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.3735, 16.6547, 13.3898**, and the grayscale version is **10.9448, 11.5148, 12.5396**.

A 20% lighter version of the original color is **31.9263, 27.3992, 35.9536**, and **4.1071, 2.8304, 4.6048** is the 20% darker color. If you saturate the color by 10%, you get **12.5825, 9.1599, 13.8128**, and if you desaturate by 10%, it is **14.8309, 12.9033, 16.8849**.

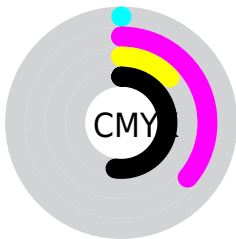
Distribution



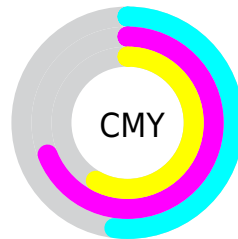
- Red (48%)
- Green (31%)
- Blue (42%)



- Red (48%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (13%)
- Black (52%)



- Cyan (52%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6182, 10.8645, 15.2892 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 13.6182, 10.8645, 15.2892 by changing the saturation by 10% instead.

13.6182, 10.8645,
15.2892

13.6182, 10.8645,
15.2892

208.4010,
196.7356, 236.8108

7.9355, 5.9758,
8.8737

32.0020, 27.4093,
36.1092

4.1052, 2.8304,
4.5632

45.4338, 39.8342,
51.3508

1.7618, 1.0438,
1.9391

62.1794, 55.5400,
70.3715

0.4945, 0.0000,
0.5175

82.6041, 74.9110,
93.5899

0.0000, 0.0000,
0.0000

107.0732, 98.3317,
121.4245

135.9522,

126.1864, 154.2938

169.6063,
158.8596, 192.6164

■ 13.6182, 10.8645,
15.2892

■ 13.6182, 10.8645,
15.2892

■ 12.5825, 9.1599,
13.8128

■ 14.8309, 12.9033,
16.8849

■ 11.7136, 7.7699,
12.4511

■ 16.2282, 15.2917,
18.6030

■ 11.0017, 6.6749,
11.2000

■ 17.8184, 18.0458,
20.4471

■ 10.4355, 5.8527,
10.0547

■ 19.6090, 21.1804,
22.4208

■ 10.0020, 5.2778,
9.0101

■ 21.6071, 24.7094,
24.5271

■ 9.6789, 4.9055,
8.0576

■ 23.8194, 28.6460,
26.7691

■ 9.5533, 4.7649,
7.6748

■ 26.2523, 33.0027,
29.1497

■ 28.9121, 37.7917,
31.6718

■ 31.8045, 43.0244,
34.3382

Harmonies

Analogous

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



12.5027, 10.8645, 20.3443



13.6182, 10.8645, 15.2892



13.8020, 10.8645, 10.3532

Triad

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



13.6182, 10.8645, 15.2892



9.7971, 10.8645, 4.9145



8.0610, 10.8645, 18.6832

Complementary

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



13.6182, 10.8645, 15.2892



12.3735, 16.6547, 13.3898

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.



7.4895, 10.8645, 13.4400



13.6182, 10.8645, 15.2892



8.4185, 10.8645, 6.1001

Square

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



13.6182, 10.8645, 15.2892



11.4726, 10.8645, 5.1611



7.6130, 10.8645, 8.9357



9.2591, 10.8645, 22.6396

Rectangle

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



13.6182, 10.8645, 15.2892



13.3532, 10.8645, 7.8529



7.6130, 10.8645, 8.9357



7.7954, 10.8645, 16.9629

Sweetspot

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



13.6185, 10.8650, 15.2894



30.2981, 29.5198, 34.7706



11.0289, 9.4236, 19.9766



7.0636, 6.8278, 8.1050



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.



13.6185, 10.8650, 15.2894



22.8280, 16.8850, 25.1732



12.6284, 10.4690, 10.0756



4.0955, 4.0539, 4.7008



9.8801, 4.9282, 7.9255



46.7097, 23.3402, 35.5972

Inverse Universe

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



13.6185, 10.8650, 15.2894



22.8280, 16.8850, 25.1732



13.4835, 17.0987, 19.2352



4.0955, 4.0539, 4.7008



9.8801, 4.9282, 7.9255



46.7097, 23.3402, 35.5972

Previews

White Background



This preview shows how the XYZ color 13.6182, 10.8645, 15.2892 looks on a white background.

Color Contrast Check

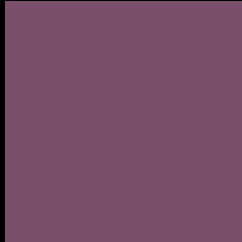
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6182, 10.8645, 15.2892 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

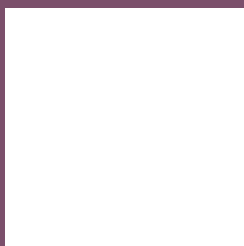
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.6182, 10.8645, 15.2892

Background



This preview shows how black text looks on a background with the XYZ color 13.6182, 10.8645, 15.2892.



This preview shows how white text looks on a background with the XYZ color 13.6182, 10.8645,

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

13.6182, 10.8645, 15.2892

Protanopia

10.9100, 10.9415, 18.0599

Deuteranopia

11.2207, 11.0435, 14.9048



Tritanopia

12.7056, 10.8208, 10.8702

Trichromacy



Original Color

13.6182, 10.8645, 15.2892

Protanomaly

11.6444, 10.7180, 17.0778

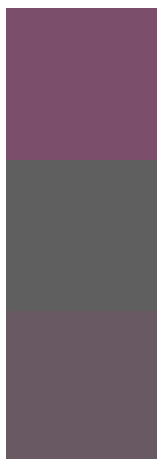
Deuteranomaly

11.9536, 10.9212, 15.1136

Tritanomaly

13.0798, 10.8670, 12.4745

Monochromacy



Original Color

13.6182, 10.8645, 15.2892

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.6502, 11.0489, 13.3230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6182, 10.8645, 15.2892 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(123, 79, 107)` looks like.

```
.text, #text, p{  
    color:rgb(123, 79, 107)  
}
```

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(123, 79, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 79, 107) }
```

Border

The CSS property to change the border of an element to XYZ 13.6182, 10.8645, 15.2892 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(123, 79, 107) }
```


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

```
.border{ border-color:rgb(123, 79, 107) }
```

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

Here you see how a box with a 4 pixel rgb(123, 79, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 79, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 79, 107);  
box-shadow:4px 4px 4px 4px rgb(123, 79,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6182, 10.8645, 15.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 79, 107) }
```

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

```
.background{ background-color: rgb(123, 79,  
107) }
```

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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