

Converting Colors

XYZ(15.3504, 13.5464, 18.7424)

Have a look what the booklet for
XYZ(15.3504, 13.5464, 18.7424)
contains.

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Color

**XYZ(15.2396, 13.4273,
18.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5E75
RGB	122, 94, 117
RGB Percent	48%, 37%, 46%
CMY	0.5216, 0.6314, 0.5412
CMYK	0.00, 0.23, 0.04, 0.52
HSL	311°, 13%, 42%
HSV	311°, 23%, 48%
XYZ	15.2396, 13.4273, 18.6181
YIQ	104.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

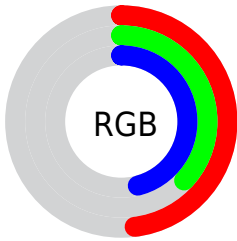
Format	Color
R _Y B	122, 94, 117
Decimal	8019573
CIE Lab	43.40, 15.60, -8.59
CIE LCh	43, 17.808, 331.145
Yxy	13.4273, 0.3223, 0.2840
Android (android.graphics.Color)	4286209653 (0xFF7A5E75)
YUV	104.9940, 5.9190, 14.9143
Hunter-Lab	36.6433, 10.1108, -4.4744

Details

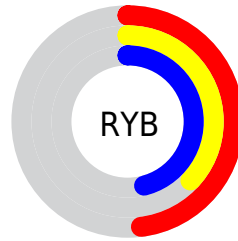
The XYZ color **15.2396, 13.4273, 18.6181** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8283, 17.2000, 14.3962**, and the grayscale version is **13.4086, 14.1069, 15.3625**.

A 20% lighter version of the original color is **34.9660, 32.2293, 41.9141**, and **4.8788, 3.9600, 6.1374** is the 20% darker color. If you saturate the color by 10%, you get **14.1128, 11.3762, 17.6179**, and if you desaturate by 10%, it is **16.5417, 15.8238, 19.6917**.

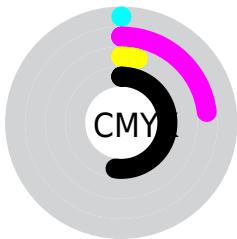
Distribution



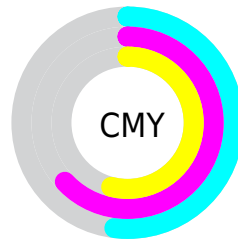
- Red (48%)
- Green (37%)
- Blue (46%)



- Red (48%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (52%)



- Cyan (52%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2396, 13.4273, 18.6181 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 15.2396, 13.4273, 18.6181 by changing the saturation by 10% instead.

■ 15.2396, 13.4273,
18.6181

■ 15.2396, 13.4273,
18.6181

218.1716,
213.6383, 256.6844

■ 9.0751, 7.7234,
11.2206

■ 34.8412, 32.0693,
41.9158

■ 4.8477, 3.9185,
6.0994

■ 49.0090, 45.7763,
58.6532

■ 2.1920, 1.6281,
2.8359

■ 66.5753, 62.9198,
79.3410

■ 0.7385, 0.3764,
1.0114

■ 87.9055, 83.8841,
104.3976

■ 0.0000, 0.0000,
0.0000

113.3648,
109.0538, 134.2418

143.3187,

138.8131, 169.2919

178.1325,
173.5465, 209.9666

■ 15.2396, 13.4273,
18.6181

■ 15.2396, 13.4273,
18.6181

■ 14.1128, 11.3762,
17.6179

■ 16.5417, 15.8238,
19.6917

■ 13.1521, 9.6526,
16.6875

■ 18.0253, 18.5789,
20.8406

■ 12.3491, 8.2398,
15.8242

■ 19.6981, 21.7073,
22.0673

■ 11.6943, 7.1187,
15.0248

■ 21.5666, 25.2225,
23.3744

■ 11.1771, 6.2683,
14.2855

■ 23.6373, 29.1371,
24.7639

■ 10.7857, 5.6647,
13.6024

■ 25.9163, 33.4632,
26.2381

■ 10.5053, 5.2787,
12.9703

■ 28.4093, 38.2126,
27.7988

■ 10.3367, 5.0618,
12.5428

■ 31.1220, 43.3962,
29.4482

■ 34.0597, 49.0249,
31.1881

Harmonies

Analogous

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



14.1897, 13.4273, 22.1670



15.2396, 13.4273, 18.6181



15.6142, 13.4273, 14.4681

Triad

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



15.2396, 13.4273, 18.6181



12.7091, 13.4273, 8.2437



10.6161, 13.4273, 18.9300

Complementary

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



15.2396, 13.4273, 18.6181



13.8283, 17.2000, 14.3962

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.



10.2806, 13.4273, 14.7730



15.2396, 13.4273, 18.6181



11.4339, 13.4273, 9.0159

Square

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



15.2396, 13.4273, 18.6181



14.0910, 13.4273, 8.9059



10.5691, 13.4273, 11.2397



11.5198, 13.4273, 22.3688

Rectangle

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



15.2396, 13.4273, 18.6181



15.4106, 13.4273, 12.0378



10.5691, 13.4273, 11.2397



10.4362, 13.4273, 17.5474

Sweetspot

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



15.2400, 13.4279, 18.6184



30.5703, 30.5614, 35.7951



12.6254, 12.0451, 20.0721



6.9655, 6.9425, 8.1657



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.



15.2400, 13.4279, 18.6184



25.6393, 21.4843, 31.7317



14.4941, 13.1295, 14.6907



4.1252, 4.0658, 4.8572



10.8800, 5.3282, 13.1911



51.6152, 25.3024, 61.4290

Inverse Universe

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



15.2400, 13.4279, 18.6184



25.6393, 21.4843, 31.7317



14.5380, 17.4839, 18.1335



4.1252, 4.0658, 4.8572



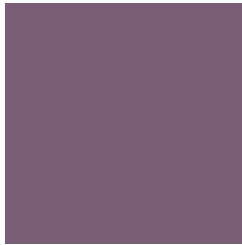
10.8800, 5.3282, 13.1911



51.6152, 25.3024, 61.4290

Previews

White Background



This preview shows how the XYZ color 15.2396, 13.4273, 18.6181 looks on a white background.

Color Contrast Check

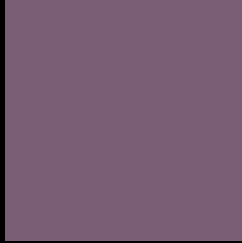
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2396, 13.4273, 18.6181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

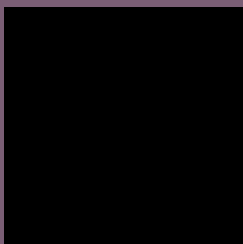
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2396, 13.4273, 18.6181

Background



This preview shows how black text looks on a background with the XYZ color 15.2396, 13.4273, 18.6181.



This preview shows how white text looks on a background with the XYZ color 15.2396, 13.4273,

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

15.2396, 13.4273, 18.6181

Protanopia

13.4098, 13.5605, 20.3230

Deuteranopia

13.7730, 13.5011, 18.4031



Tritanopia

14.4273, 13.3583, 14.9147

Trichromacy



Original Color

15.2396, 13.4273, 18.6181

Protanomaly

13.9154, 13.4055, 19.6234

Deuteranomaly

14.2022, 13.4411, 18.3688

Tritanomaly

14.7377, 13.3535, 16.2687

Monochromacy



Original Color

15.2396, 13.4273, 18.6181

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 15.2396, 13.4273, 18.6181 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, 94, 117)` looks like.

```
.text, #text, p{  
    color:rgb(122, 94, 117)  
}
```

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, 94, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 94, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.2396, 13.4273, 18.6181 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, 94, 117) }
```


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

```
.border{ border-color:rgb(122, 94, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 94, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 94, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 94, 117);  
box-shadow:4px 4px 4px 4px rgb(122, 94,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2396, 13.4273, 18.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 94, 117) }
```

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

```
.background{ background-color: rgb(122, 94,  
117) }
```

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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