

Converting Colors

XYZ(13.8973, 10.9536, 19.4373)

Have a look what the booklet for
XYZ(13.8973, 10.9536, 19.4373)
contains.

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Color

**XYZ(13.8549, 10.8944,
19.4618)**

Conversions

Conversions Part 1

Format	Color
Hex	774F79
RGB	119, 79, 121
RGB Percent	47%, 31%, 47%
CMY	0.5333, 0.6902, 0.5255
CMYK	0.02, 0.35, 0.00, 0.53
HSL	297°, 21%, 39%
HSV	297°, 35%, 47%
XYZ	13.8549, 10.8944, 19.4618
YIQ	95.7480, 10.3580, 21.5420

Conversions

Conversions Part 2

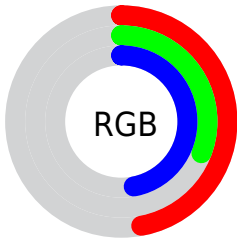
Format	Color
R_{YB}	119, 79, 121
Decimal	7819129
CIE _{Lab}	39.40, 24.34, -17.14
CIE _{LCh}	39, 29.770, 324.849
Yxy	10.8944, 0.3134, 0.2464
Android (android.graphics.Color)	4286009209 (0xFF774F79)
YUV	95.7480, 12.4492, 20.3920
Hunter-Lab	33.0067, 17.1656, -11.8546

Details

The XYZ color **13.8549, 10.8944, 19.4618** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **11.6425, 15.9889, 9.8703**, and the grayscale version is **11.0266, 11.6009, 12.6333**.

A 20% lighter version of the original color is **32.4063, 27.4883, 43.1329**, and **4.1678, 2.8208, 6.4557** is the 20% darker color. If you saturate the color by 10%, you get **12.9816, 9.2646, 19.1934**, and if you desaturate by 10%, it is **14.8883, 12.8432, 19.7836**.

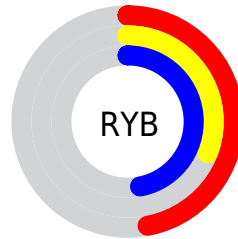
Distribution



Red (47%)

Green (31%)

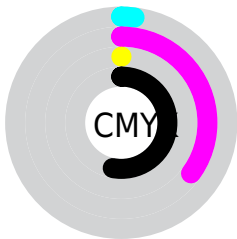
Blue (47%)



Red (47%)

Yellow (31%)

Blue (47%)

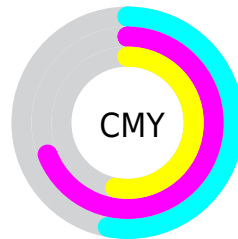


Cyan (2%)

Magenta (35%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (69%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8549, 10.8944, 19.4618 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 13.8549, 10.8944, 19.4618 by changing the saturation by 10% instead.

■ 13.8549, 10.8944,
19.4618

■ 13.8549, 10.8944,
19.4618

209.8550,
196.9416, 261.4936

■ 8.1008, 5.9959,
11.8243

■ 32.4198, 27.4647,
43.3600

■ 4.2119, 2.8426,
6.5030

■ 45.9613, 39.9053,
60.4578

■ 1.8227, 1.0501,
3.0796

■ 62.8293, 55.6287,
81.5461

■ 0.5313, 0.0000,
1.1354

■ 83.3893, 75.0193,
107.0433

■ 0.0000, 0.0000,
0.0000

■ 108.0065, 98.4615,
137.3682

137.0462,

126.3397, 172.9392

170.8740,
159.0383, 214.1748

■ 13.8549, 10.8944,
19.4618

■ 13.8549, 10.8944,
19.4618

■ 12.9816, 9.2646,
19.1934

■ 14.8883, 12.8432,
19.7836

■ 12.2587, 7.9351,
18.9749

■ 16.0887, 15.1255,
20.1609

■ 11.6770, 6.8875,
18.8033

■ 17.4639, 17.7567,
20.5963

■ 11.2262, 6.1007,
18.6752

■ 19.0209, 20.7507,
21.0921

■ 10.8941, 5.5508,
18.5866

■ 20.7662, 24.1208,
21.6506

■ 10.6626, 5.2012,
18.5313

■ 22.7063, 27.8796,
22.2739

■ 10.5528, 5.0415,
18.5063

■ 24.8470, 32.0389,
22.9639

■ 27.1941, 36.6103,
23.7226

■ 29.7531, 41.6048,
24.5517

Harmonies

Analogous

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



12.0689, 10.8944, 25.0407



13.8549, 10.8944, 19.4618



14.7105, 10.8944, 12.8860

Triad

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



13.8549, 10.8944, 19.4618



10.7064, 10.8944, 3.8900



7.2233, 10.8944, 17.1599

Complementary

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



13.8549, 10.8944, 19.4618



11.6425, 15.9889, 9.8703

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.



6.9569, 10.8944, 10.8940



13.8549, 10.8944, 19.4618



8.8112, 10.8944, 4.3760

Square

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



13.8549, 10.8944, 19.4618



12.7482, 10.8944, 4.9084



7.5002, 10.8944, 6.5540



8.2814, 10.8944, 23.4375

Rectangle

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



13.8549, 10.8944, 19.4618



14.5673, 10.8944, 9.2408



7.5002, 10.8944, 6.5540



7.0445, 10.8944, 14.9375

Sweetspot

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



13.8553, 10.8949, 19.4620



29.8688, 29.1075, 36.4370



9.6260, 8.9431, 19.3082



6.7672, 6.5363, 8.3116



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.



13.8553, 10.8949, 19.4620



23.4868, 17.0365, 34.4434



13.0848, 10.6187, 13.9568



4.1365, 4.0683, 5.0104



11.3061, 5.4013, 19.8319



53.7224, 25.6569, 94.5906

Inverse Universe

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



12.1668, 10.2515, 9.1227



19.9805, 15.7050, 12.7715



12.2621, 16.2173, 14.0150



4.0053, 4.0179, 4.2257



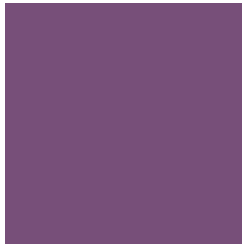
8.4828, 4.3693, 0.5671



40.3746, 20.8062, 2.2366

Previews

White Background



This preview shows how the XYZ color 13.8549, 10.8944, 19.4618 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

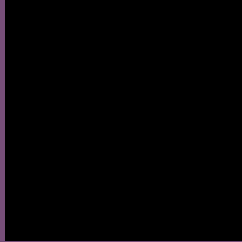
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8549, 10.8944, 19.4618

Background



This preview shows how black text looks on a background with the XYZ color 13.8549, 10.8944, 19.4618.



This preview shows how white text looks on a background with the XYZ color 13.8549, 10.8944,

19.4618.

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

13.8549, 10.8944, 19.4618

Protanopia

11.3172, 11.0423, 23.0076

Deuteranopia

11.1907, 10.9379, 18.9742



Tritanopia

12.2505, 10.9145, 11.5863

Trichromacy



Original Color

13.8549, 10.8944, 19.4618

Protanomaly

11.9583, 10.7816, 21.5295

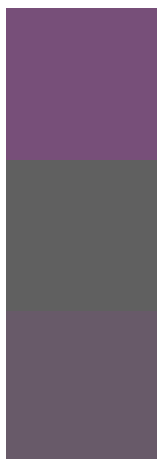
Deuteranomaly

12.0539, 10.8818, 19.2344

Tritanomaly

12.7439, 10.8788, 14.2601

Monochromacy



Original Color

13.8549, 10.8944, 19.4618

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.9149, 11.2753, 14.9130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8549, 10.8944, 19.4618 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, 79, 121)` looks like.

```
.text, #text, p{  
    color:rgb(119, 79, 121)  
}
```

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, 79, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 79, 121) }
```

Border

The CSS property to change the border of an element to XYZ 13.8549, 10.8944, 19.4618 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, 79, 121) }
```


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

```
.border{ border-color:rgb(119, 79, 121) }
```

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

Here you see how a box with a 4 pixel rgb(119, 79, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 79, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 79, 121);  
box-shadow:4px 4px 4px 4px rgb(119, 79,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8549, 10.8944, 19.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 79, 121) }
```

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

```
.background{ background-color: rgb(119, 79,  
121) }
```

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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