

Converting Colors

XYZ(13.8144, 16.6139, 16.1144)

Have a look what the booklet for
XYZ(13.8144, 16.6139, 16.1144)
contains.

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Color

**XYZ(13.8144, 16.6139,
16.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	5E776A
RGB	94, 119, 106
RGB Percent	37%, 47%, 42%
CMY	0.6314, 0.5333, 0.5843
CMYK	0.21, 0.00, 0.11, 0.53
HSL	149°, 12%, 42%
HSV	149°, 21%, 47%
XYZ	13.8144, 16.6139, 16.1144
YIQ	110.0430, -10.7270, -9.3430

Conversions

Conversions Part 2

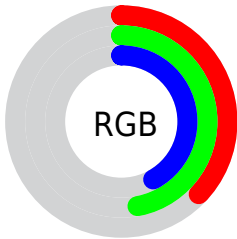
Format	Color
R_{YB}	94, 111, 119
Decimal	6190954
CIE _{Lab}	47.77, -11.98, 4.16
CIE _{LCh}	48, 12.684, 160.868
Yxy	16.6139, 0.2968, 0.3570
Android (android.graphics.Color)	4284381034 (0xFF5E776A)
YUV	110.0430, -1.9932, -14.0697
Hunter-Lab	40.7602, -10.8332, 5.0920

Details

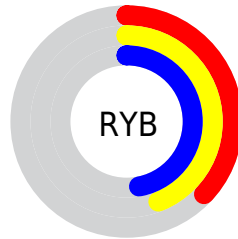
The XYZ color **13.8144, 16.6139, 16.1144** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.2648, 12.9892, 15.6658**, and the grayscale version is **14.8414, 15.6143, 17.0040**.

A 20% lighter version of the original color is **32.3258, 37.5799, 37.4482**, and **4.2149, 5.4266, 4.9630** is the 20% darker color. If you saturate the color by 10%, you get **12.3767, 15.9091, 14.4275**, and if you desaturate by 10%, it is **15.4644, 17.4264, 17.9332**.

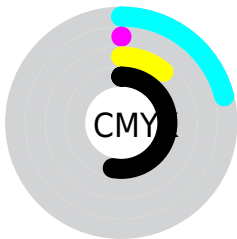
Distribution



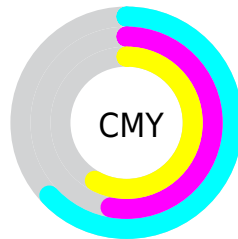
- Red (37%)
- Green (47%)
- Blue (42%)



- Red (37%)
- Yellow (44%)
- Blue (47%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8144, 16.6139, 16.1144 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 13.8144, 16.6139, 16.1144 by changing the saturation by 10% instead.

■ 13.8144, 16.6139,
16.1144

■ 13.8144, 16.6139,
16.1144

209.6069,
232.9375, 241.8845

■ 8.0725, 9.9596,
9.4499

■ 32.3484, 37.6607,
37.5662

■ 4.1936, 5.3722,
4.9350

■ 45.8712, 52.8221,
53.1907

■ 1.8122, 2.4672,
2.1511

■ 62.7183, 71.5878,
72.6388

■ 0.5250, 0.8602,
0.6459

■ 83.2552, 94.3425,
96.3293

■ 0.0000, 0.0000,
0.0000

107.8472,
121.4704, 124.6805

136.8595,

153.3559, 158.1111

170.6577,
190.3835, 197.0396

■ 13.8144, 16.6139,
16.1144

■ 13.8144, 16.6139,
16.1144

■ 12.3767, 15.9091,
14.4275

■ 15.4644, 17.4264,
17.9332

■ 11.1409, 15.3052,
12.8685

■ 17.3339, 18.3489,
19.8856

■ 10.0977, 14.7981,
11.4346

■ 19.4313, 19.3861,
21.9748

■ 9.2364, 14.3822,
10.1226

■ 21.7643, 20.5419,
24.2035

■ 8.5454, 14.0517,
8.9291

■ 24.3402, 21.8200,
26.5743

■ 8.0115, 13.7998,
7.8506

■ 27.1659, 23.2239,
29.0897

■ 7.6195, 13.6187,
6.8833

■ 30.2479, 24.7571,
31.7521

■ 7.3386, 13.4908,
6.1036

■ 33.5929, 26.4227,
34.5641

■ 37.2068, 28.2239,
37.5279

Harmonies

Analogous

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



14.4034, 16.6139, 13.7562



13.8144, 16.6139, 16.1144



13.7400, 16.6139, 19.2961

Triad

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



13.8144, 16.6139, 16.1144



16.2068, 16.6139, 24.9611



17.5025, 16.6139, 14.2946

Complementary

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



13.8144, 16.6139, 16.1144



14.2648, 12.9892, 15.6658

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.



18.0367, 16.6139, 16.9347



13.8144, 16.6139, 16.1144



17.2650, 16.6139, 23.2493

Square

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



13.8144, 16.6139, 16.1144



15.0853, 16.6139, 24.6728



17.9477, 16.6139, 20.2202



16.5184, 16.6139, 12.7960

Rectangle

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



13.8144, 16.6139, 16.1144



13.9879, 16.6139, 21.4958



17.9477, 16.6139, 20.2202



17.7427, 16.6139, 15.0639

Sweetspot

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



13.8149, 16.6146, 16.1148



29.2671, 31.9816, 33.7797



14.7213, 17.1490, 13.1240



6.8971, 7.5601, 7.9647



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.



13.8149, 16.6146, 16.1148



23.5002, 29.1433, 27.4294



14.4934, 16.8860, 19.6877



3.7070, 4.1248, 4.2911



7.7917, 14.3307, 6.4591



37.5415, 69.6639, 29.2202

Inverse Universe

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



14.2648, 12.9892, 15.6658



24.4525, 21.4700, 26.4790



13.6689, 12.7509, 12.5277



3.7561, 3.7297, 4.2422



8.9983, 4.5330, 5.1992



43.4146, 21.9160, 23.0446

Previews

White Background



This preview shows how the XYZ color 13.8144, 16.6139, 16.1144 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 13.8144, 16.6139, 16.1144 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

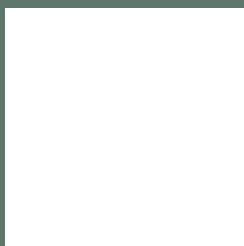
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8144, 16.6139, 16.1144

Background



This preview shows how black text looks on a background with the XYZ color 13.8144, 16.6139, 16.1144.

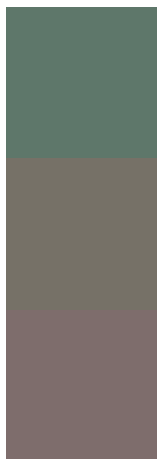


This preview shows how white text looks on a background with the XYZ color 13.8144, 16.6139,

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

13.8144, 16.6139, 16.1144

Protanopia

15.8245, 16.6411, 15.2100

Deuteranopia

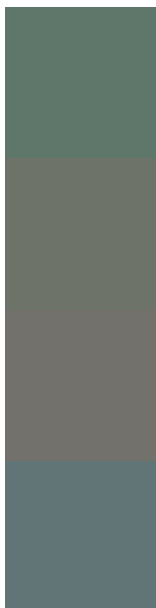
16.7796, 16.4556, 16.4792



Tritanopia

14.9841, 16.5681, 21.8103

Trichromacy



Original Color

13.8144, 16.6139, 16.1144

Protanomaly

14.9361, 16.5122, 15.4967

Deuteranomaly

15.4984, 16.4492, 16.2681

Tritanomaly

14.5611, 16.5720, 19.5708

Monochromacy



Original Color

13.8144, 16.6139, 16.1144

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.3744, 15.8574, 16.7712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8144, 16.6139, 16.1144 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(94, 119, 106) looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 106)  
}
```

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(94, 119, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 106) }
```

Border

The CSS property to change the border of an element to XYZ 13.8144, 16.6139, 16.1144 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(94, 119, 106) }
```


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

```
.border{ border-color:rgb(94, 119, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 119, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 106);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8144, 16.6139, 16.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 106) }
```

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

```
.background{ background-color: rgb(94, 119,  
106) }
```

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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