

Converting Colors

XYZ(13.7859, 17.0860, 15.5874)

Have a look what the booklet for
XYZ(13.7859, 17.0860, 15.5874)
contains.

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Color

**XYZ(13.8719, 17.1939,
15.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7A68
RGB	92, 122, 104
RGB Percent	36%, 48%, 41%
CMY	0.6392, 0.5216, 0.5922
CMYK	0.25, 0.00, 0.15, 0.52
HSL	144°, 14%, 42%
HSV	144°, 25%, 48%
XYZ	13.8719, 17.1939, 15.6843
YIQ	110.9780, -12.1020, -11.9580

Conversions

Conversions Part 2

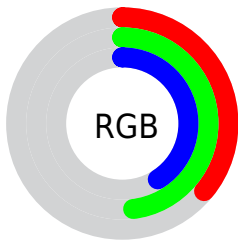
Format	Color
R_{YB}	92, 113, 122
Decimal	6060648
CIE _{Lab}	48.50, -14.78, 6.37
CIE _{LCh}	49, 16.096, 156.681
Yxy	17.1939, 0.2967, 0.3678
Android (android.graphics.Color)	4284250728 (0xFF5C7A68)
YUV	110.9780, -3.4402, -16.6437
Hunter-Lab	41.4655, -12.8492, 6.5995

Details

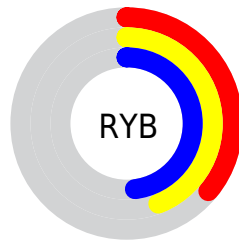
The XYZ color **13.8719, 17.1939, 15.6843** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.6683, 12.9182, 16.4731**, and the grayscale version is **15.1156, 15.9028, 17.3182**.

A 20% lighter version of the original color is **32.5741, 38.8661, 36.7954**, and **4.2033, 5.6184, 4.7338** is the 20% darker color. If you saturate the color by 10%, you get **12.3941, 16.4737, 13.7578**, and if you desaturate by 10%, it is **15.5792, 18.0297, 17.7909**.

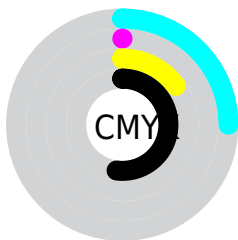
Distribution



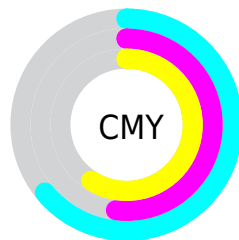
- Red (36%)
- Green (48%)
- Blue (41%)



- Red (36%)
- Yellow (44%)
- Blue (48%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8719, 17.1939, 15.6843 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 13.8719, 17.1939, 15.6843 by changing the saturation by 10% instead.

■ 13.8719, 17.1939,
15.6843

■ 13.8719, 17.1939,
15.6843

209.9591,
236.2873, 239.2533

■ 8.1127, 10.3728,
9.1491

■ 32.4497, 38.6589,
36.8084

■ 4.2196, 5.6469,
4.7404

■ 45.9991, 54.0715,
52.2344

■ 1.8271, 2.6316,
2.0397

■ 62.8759, 73.1169,
71.4610

■ 0.5339, 0.9426,
0.5795

■ 83.4455, 96.1793,
94.9069

■ 0.0000, 0.0000,
0.0000

108.0733,
123.6431, 122.9905

137.1246,

155.8928, 156.1304

170.9647,
193.3127, 194.7452

■ 13.8719, 17.1939,
15.6843

■ 13.8719, 17.1939,
15.6843

■ 12.3941, 16.4737,
13.7578

■ 15.5792, 18.0297,
17.7909

■ 11.1343, 15.8617,
12.0054

■ 17.5242, 18.9837,
20.0809

■ 10.0819, 15.3531,
10.4225

■ 19.7163, 20.0612,
22.5590

■ 9.2249, 14.9418,
9.0041

■ 22.1640, 21.2665,
25.2297

■ 8.5501, 14.6211,
7.7445

■ 24.8755, 22.6036,
28.0968

■ 8.0422, 14.3833,
6.6381

■ 27.8585, 24.0766,
31.1645

■ 7.6795, 14.2171,
5.6784

■ 31.1203, 25.6891,
34.4365

■ 7.5100, 14.1398,
5.2168

■ 34.6681, 27.4447,
37.9167

■ 38.5088, 29.3469,
41.6086

Harmonies

Analogous

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



14.7047, 17.1939, 12.9296



13.8719, 17.1939, 15.6843



13.6822, 17.1939, 19.6830

Triad

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



13.8719, 17.1939, 15.6843



16.6747, 17.1939, 28.0111



18.7259, 17.1939, 14.2731

Complementary

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



13.8719, 17.1939, 15.6843



14.6683, 12.9182, 16.4731

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.



19.3266, 17.1939, 17.7913



13.8719, 17.1939, 15.6843



18.0971, 17.1939, 26.0263

Square

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



13.8719, 17.1939, 15.6843



15.2443, 17.1939, 27.2222



19.0898, 17.1939, 22.1269



17.4918, 17.1939, 12.2046

Rectangle

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



13.8719, 17.1939, 15.6843



13.9351, 17.1939, 22.6136



19.0898, 17.1939, 22.1269



19.0119, 17.1939, 15.3033

Sweetspot

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



13.8724, 17.1946, 15.6847



29.9058, 32.9433, 34.2566



15.3848, 18.0398, 12.7967



6.8053, 7.5165, 7.7947



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.



13.8724, 17.1946, 15.6847



22.7632, 29.4481, 25.4771



14.6736, 17.5151, 19.9039



4.0111, 4.4741, 4.5925



7.9025, 14.8847, 5.4714



37.2995, 70.8428, 24.0128

Inverse Universe

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



14.6683, 12.9182, 16.4731



24.4384, 20.4441, 27.1338



13.9421, 12.6277, 12.6489



4.0898, 4.0516, 4.6705



9.7193, 4.8639, 7.0785



45.9329, 23.0295, 31.5064

Previews

White Background



This preview shows how the XYZ color 13.8719, 17.1939, 15.6843 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 13.8719, 17.1939, 15.6843 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 13.8719, 17.1939, 15.6843

Background



This preview shows how black text looks on a background with the XYZ color 13.8719, 17.1939, 15.6843.

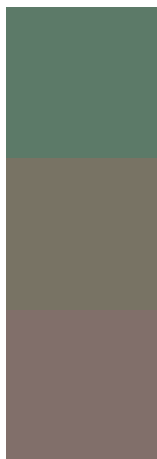


This preview shows how white text looks on a background with the XYZ color 13.8719, 17.1939,

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

13.8719, 17.1939, 15.6843

Protanopia

16.1767, 17.1746, 14.5190

Deuteranopia

17.3392, 17.0766, 16.0179



Tritanopia

15.4229, 17.2936, 22.9472

Trichromacy



Original Color

13.8719, 17.1939, 15.6843

Protanomaly

15.2578, 17.2114, 14.8299

Deuteranomaly

15.8830, 16.9944, 15.8077

Tritanomaly

14.7656, 17.1977, 19.9940

Monochromacy



Original Color

13.8719, 17.1939, 15.6843

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.5464, 16.2872, 16.5644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8719, 17.1939, 15.6843 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(92, 122, 104) looks like.

```
.text, #text, p{  
    color:rgb(92, 122, 104)  
}
```

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(92, 122, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 122, 104) }
```

Border

The CSS property to change the border of an element to XYZ 13.8719, 17.1939, 15.6843 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(92, 122, 104) }
```


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

```
.border{ border-color:rgb(92, 122, 104) }
```

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

Here you see how a box with a 4 pixel rgb(92, 122, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 122, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 122, 104);  
box-shadow:4px 4px 4px 4px rgb(92, 122,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8719, 17.1939, 15.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 122, 104) }
```

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

```
.background{ background-color: rgb(92, 122,  
104) }
```

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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