

Converting Colors

XYZ(13.8829, 17.2071, 18.6585)

Have a look what the booklet for
XYZ(13.8829, 17.2071, 18.6585)
contains.

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Color

**XYZ(13.8345, 17.1124,
18.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	567A72
RGB	86, 122, 114
RGB Percent	34%, 48%, 45%
CMY	0.6627, 0.5216, 0.5529
CMYK	0.30, 0.00, 0.07, 0.52
HSL	167°, 17%, 41%
HSV	167°, 30%, 48%
XYZ	13.8345, 17.1124, 18.4935
YIQ	110.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

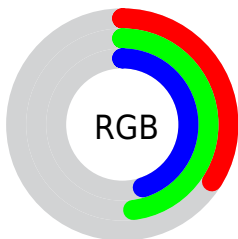
Format	Color
R_{YB}	86, 106, 122
Decimal	5667442
CIE Lab	48.40, -14.58, 0.28
CIE LCh	48, 14.581, 178.912
Yxy	17.1124, 0.2798, 0.3461
Android (android.graphics.Color)	4283857522 (0xFF567A72)
YUV	110.3240, 1.8123, -21.3321
Hunter-Lab	41.3671, -12.6964, 2.4509

Details

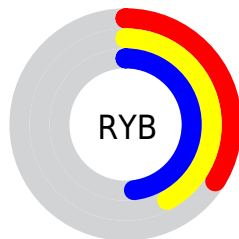
The XYZ color **13.8345, 17.1124, 18.4935** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.3747, 11.6016, 12.1246**, and the grayscale version is **14.9133, 15.6899, 17.0863**.

A 20% lighter version of the original color is **32.5294, 38.7315, 41.8378**, and **4.2026, 5.5898, 6.0117** is the 20% darker color. If you saturate the color by 10%, you get **12.6538, 16.5217, 17.6447**, and if you desaturate by 10%, it is **15.2126, 17.8052, 19.3761**.

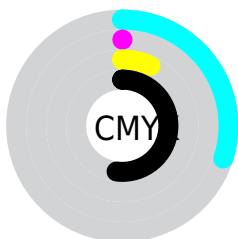
Distribution



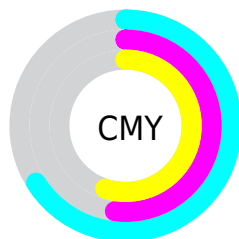
- Red (34%)
- Green (48%)
- Blue (45%)



- Red (34%)
- Yellow (42%)
- Blue (48%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (66%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8345, 17.1124, 18.4935 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 13.8345, 17.1124, 18.4935 by changing the saturation by 10% instead.

■ 13.8345, 17.1124,
18.4935

■ 13.8345, 17.1124,
18.4935

209.7301,
235.8193, 255.9670

■ 8.0866, 10.3147,
11.1318

■ 32.3838, 38.5189,
41.7017

■ 4.2027, 5.6081,
6.0403

■ 45.9159, 53.8965,
58.3852

■ 1.8174, 2.6083,
2.8004

■ 62.7734, 72.9028,
79.0132

■ 0.5281, 0.9308,
0.9936

■ 83.3218, 95.9223,
104.0040

■ 0.0000, 0.0000,
0.0000

■ 107.9262,
123.3392, 133.7762

136.9522,

155.5381, 168.7484

170.7650,
192.9034, 209.3392

■ 13.8345, 17.1124,
18.4935

■ 13.8345, 17.1124,
18.4935

■ 12.6538, 16.5217,
17.6447

■ 15.2126, 17.8052,
19.3761

■ 11.6591, 16.0260,
16.8280

■ 16.7956, 18.6026,
20.2921

■ 10.8404, 15.6205,
16.0430

■ 18.5926, 19.5098,
21.2423

■ 10.1860, 15.2991,
15.2889

■ 20.6116, 20.5309,
22.2274

■ 9.6825, 15.0551,
14.5650

■ 22.8601, 21.6698,
23.2480

■ 9.3148, 14.8805,
13.8703

■ 25.3455, 22.9303,
24.3045

■ 9.0338, 14.7502,
13.2023

■ 28.0746, 24.3158,
25.3975

■ 9.0203, 14.7439,
13.1701

■ 31.0541, 25.8299,
26.5274

■ 34.2904, 27.4758,
27.6948

Harmonies

Analogous

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



14.1672, 17.1124, 15.0935



13.8345, 17.1124, 18.4935



14.1228, 17.1124, 22.4114

Triad

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



13.8345, 17.1124, 18.4935



17.5357, 17.1124, 25.8248



17.6244, 17.1124, 13.0269

Complementary

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



13.8345, 17.1124, 18.4935



13.3747, 11.6016, 12.1246

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.



18.6131, 17.1124, 15.3042



13.8345, 17.1124, 18.4935



18.5599, 17.1124, 22.6854

Square

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



13.8345, 17.1124, 18.4935



16.2162, 17.1124, 26.9771



18.9643, 17.1124, 18.7722



16.3135, 17.1124, 12.2149

Rectangle

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



13.8345, 17.1124, 18.4935



14.6379, 17.1124, 24.7305



18.9643, 17.1124, 18.7722



18.0081, 17.1124, 13.6296

Sweetspot

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



13.8350, 17.1131, 18.4939



29.6342, 32.7700, 35.7462



13.2969, 16.9925, 11.3833



6.6947, 7.4520, 8.1285



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.



13.8350, 17.1131, 18.4939



22.9834, 29.4267, 31.5819



13.1895, 15.0609, 20.6251



4.0708, 4.4979, 4.9064



9.4933, 15.5210, 13.8487



44.9547, 73.9049, 64.3249

Inverse Universe

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



13.3747, 11.6016, 12.1246



22.0453, 18.1723, 18.5845



13.8527, 13.1028, 10.6032



4.0314, 4.0283, 4.3631



8.6570, 4.4390, 1.4848



41.0245, 21.0661, 5.6591

Previews

White Background



This preview shows how the XYZ color 13.8345, 17.1124, 18.4935 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 13.8345, 17.1124, 18.4935 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 13.8345, 17.1124, 18.4935

Background



This preview shows how black text looks on a background with the XYZ color 13.8345, 17.1124, 18.4935.



This preview shows how white text looks on a background with the XYZ color 13.8345, 17.1124,

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

13.8345, 17.1124, 18.4935

Protanopia

16.3030, 17.0120, 17.1762

Deuteranopia

17.2943, 16.9898, 18.8909



Tritanopia

14.7987, 17.1418, 23.2976

Trichromacy



Original Color

13.8345, 17.1124, 18.4935

Protanomaly

15.1744, 16.9344, 17.5078

Deuteranomaly

15.7808, 16.8788, 18.6458

Tritanomaly

14.5000, 17.2047, 21.6254

Monochromacy



Original Color

13.8345, 17.1124, 18.4935

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2534, 15.9490, 17.3662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8345, 17.1124, 18.4935 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(86, 122, 114) looks like.

```
.text, #text, p{  
    color:rgb(86, 122, 114)  
}
```

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(86, 122, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 122, 114) }
```

Border

The CSS property to change the border of an element to XYZ 13.8345, 17.1124, 18.4935 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(86, 122, 114) }
```


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

```
.border{ border-color:rgb(86, 122, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 122, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(86, 122,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8345, 17.1124, 18.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 122, 114) }
```

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

```
.background{ background-color: rgb(86, 122,  
114) }
```

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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