

Converting Colors

XYZ(13.9446, 14.7793, 17.0924)

Have a look what the booklet for
XYZ(13.9446, 14.7793, 17.0924)
contains.

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Color

**XYZ(13.9407, 14.8159,
17.1639)**

Conversions

Conversions Part 1

Format	Color
Hex	686C6F
RGB	104, 108, 111
RGB Percent	41%, 42%, 44%
CMY	0.5922, 0.5765, 0.5647
CMYK	0.06, 0.03, 0.00, 0.56
HSL	206°, 3%, 42%
HSV	206°, 6%, 44%
XYZ	13.9407, 14.8159, 17.1639
YIQ	107.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

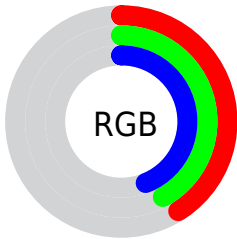
Format	Color
R_{YB}	104, 107, 111
Decimal	6843503
CIE _{Lab}	45.38, -0.89, -2.21
CIE _{LCh}	45, 2.382, 248.102
Yxy	14.8159, 0.3036, 0.3226
Android (android.graphics.Color)	4285033583 (0xFF686C6F)
YUV	107.1460, 1.9000, -2.7590
Hunter-Lab	38.4914, -2.7114, 0.5057

Details

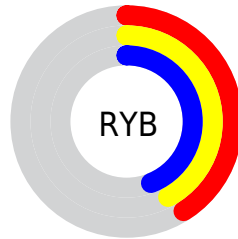
The XYZ color **13.9407, 14.8159, 17.1639** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3119, 14.8941, 15.2174**, and the grayscale version is **14.0115, 14.7412, 16.0532**.

A 20% lighter version of the original color is **32.5266, 34.4092, 39.5776**, and **4.2533, 4.5662, 5.3598** is the 20% darker color. If you saturate the color by 10%, you get **12.2485, 13.2198, 16.9452**, and if you desaturate by 10%, it is **15.8307, 16.5554, 17.4003**.

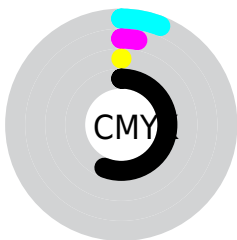
Distribution



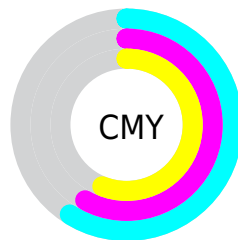
- Red (41%)
- Green (42%)
- Blue (44%)



- Red (41%)
- Yellow (42%)
- Blue (44%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9407, 14.8159, 17.1639 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 13.9407, 14.8159, 17.1639 by changing the saturation by 10% instead.

■ 13.9407, 14.8159,
17.1639

■ 13.9407, 14.8159,
17.1639

210.3796,
222.2492, 248.1910

■ 8.1609, 8.6903,
10.1882

■ 32.5709, 34.5299,
39.4019

■ 4.2507, 4.5397,
5.4167

■ 46.1520, 48.8871,
55.5012

■ 1.8449, 1.9798,
2.4308

■ 63.0642, 66.7568,
75.4789

■ 0.5445, 0.5957,
0.8031

■ 83.6729, 88.5237,
99.7535

■ 0.0000, 0.0000,
0.0000

108.3434,
114.5719, 128.7434

137.4412,

145.2860, 162.8673

171.3314,
181.0503, 202.5436

■ 13.9407, 14.8159,
17.1639

■ 13.9407, 14.8159,
17.1639

■ 12.2485, 13.2198,
16.9452

■ 15.8307, 16.5554,
17.4003

■ 10.7458, 11.7610,
16.7429

■ 17.9240, 18.4404,
17.6538

■ 9.4257, 10.4356,
16.5566

■ 20.2271, 20.4755,
17.9252

■ 8.2801, 9.2388,
16.3860

■ 22.7463, 22.6643,
18.2149

■ 7.3005, 8.1655,
16.2304

■ 25.4871, 25.0104,
18.5233

6.4775, 7.2101,
16.0894

28.4553, 27.5173,
18.8507

5.8006, 6.3666,
15.9623

31.6561, 30.1883,
19.1976

5.2581, 5.6280,
15.8483

35.0947, 33.0266,
19.5642

4.8236, 4.9801,
15.7462

38.7762, 36.0353,
19.9509

Harmonies

Analogous

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



13.7849, 14.8159, 16.8135



13.9407, 14.8159, 17.1639



14.1357, 14.8159, 17.2346

Triad

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



13.9407, 14.8159, 17.1639



14.4620, 14.8159, 15.9790



13.8487, 14.8159, 15.2900

Complementary

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



13.9407, 14.8159, 17.1639



14.3119, 14.8941, 15.2174

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.



14.0285, 14.8159, 15.0775



13.9407, 14.8159, 17.1639



14.3835, 14.8159, 15.4692

Square

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



13.9407, 14.8159, 17.1639



14.4379, 14.8159, 16.5416



14.2244, 14.8159, 15.1423



13.7321, 14.8159, 15.7292

Rectangle

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



13.9407, 14.8159, 17.1639



14.2620, 14.8159, 17.1120



14.2244, 14.8159, 15.1423



13.9037, 14.8159, 15.1901

Sweetspot

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



13.9411, 14.8165, 17.1642



26.3585, 27.8236, 30.9110



14.0430, 15.3719, 16.1140



6.3455, 6.6964, 7.4278



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.9411, 14.8165, 17.1642



24.3574, 25.9652, 30.6578



13.5876, 14.1094, 17.0464



3.3611, 3.5874, 4.2695



5.4800, 5.5503, 18.5041



26.4298, 25.9114, 91.8875

Inverse Universe

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



14.2129, 14.3631, 16.2114



24.9865, 24.9294, 28.4493



14.6754, 15.6212, 15.3386



3.4569, 3.4305, 3.9328



8.7844, 4.4061, 5.9405



43.3205, 21.7735, 27.2837

Previews

White Background



This preview shows how the XYZ color 13.9407, 14.8159, 17.1639 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 13.9407, 14.8159, 17.1639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

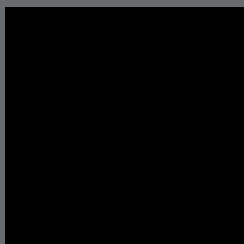
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

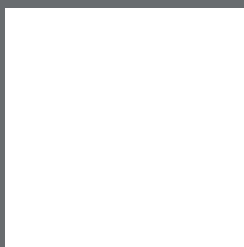
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9407, 14.8159, 17.1639

Background



This preview shows how black text looks on a background with the XYZ color 13.9407, 14.8159, 17.1639.



This preview shows how white text looks on a background with the XYZ color 13.9407, 14.8159,

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

13.9407, 14.8159, 17.1639

Protanopia

14.2565, 14.8293, 16.8628

Deuteranopia

15.0774, 14.7835, 17.3881



Tritanopia

14.2358, 14.7796, 18.6254

Trichromacy

**Original Color**

13.9407, 14.8159, 17.1639

Protanomaly

14.1356, 14.7670, 16.8571

Deuteranomaly

14.6583, 14.7177, 17.3975

Tritanomaly

14.1207, 14.7336, 18.0192

Monochromacy

**Original Color**

13.9407, 14.8159, 17.1639

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.9083, 14.6623, 16.2844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9407, 14.8159, 17.1639 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(104, 108, 111)` looks like.

```
.text, #text, p{  
    color:rgb(104, 108, 111)  
}
```

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(104, 108, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 108, 111) }
```

Border

The CSS property to change the border of an element to XYZ 13.9407, 14.8159, 17.1639 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(104, 108, 111) }
```


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

```
.border{ border-color:rgb(104, 108, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 108, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 108, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 108, 111);  
box-shadow:4px 4px 4px 4px rgb(104, 108,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9407, 14.8159, 17.1639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 108, 111) }
```

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

```
.background{ background-color: rgb(104,  
108, 111) }
```

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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