

Converting Colors

XYZ(13.9322, 15.2035, 17.5879)

Have a look what the booklet for
XYZ(13.9322, 15.2035, 17.5879)
contains.

XYZ(13.9759, 15.3054, 17.5469)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.9759, 15.3054,
17.5469)**

Conversions

Conversions Part 1

Format	Color
Hex	656F70
RGB	101, 111, 112
RGB Percent	40%, 44%, 44%
CMY	0.6039, 0.5647, 0.5608
CMYK	0.10, 0.01, 0.00, 0.56
HSL	185°, 5%, 42%
HSV	185°, 10%, 44%
XYZ	13.9759, 15.3054, 17.5469
YIQ	108.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

Format	Color
R_{YB}	101, 106, 112
Decimal	6647664
CIE Lab	46.05, -3.55, -1.85
CIE LCh	46, 4.004, 207.595
Yxy	15.3054, 0.2985, 0.3268
Android (android.graphics.Color)	4284837744 (0xFF656F70)
YUV	108.1240, 1.9109, -6.2477
Hunter-Lab	39.1221, -4.6968, 0.7930

Details

The XYZ color **13.9759, 15.3054, 17.5469** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7826, 13.8871, 14.2663**, and the grayscale version is **14.2851, 15.0290, 16.3666**.

A 20% lighter version of the original color is **32.7469, 35.5501, 40.2579**, and **4.2242, 4.7094, 5.5369** is the 20% darker color. If you saturate the color by 10%, you get **12.6962, 14.4823, 17.4557**, and if you desaturate by 10%, it is **15.4287, 16.2204, 17.6472**.

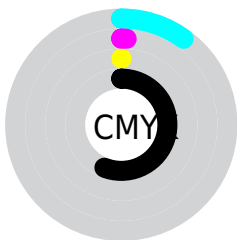
Distribution



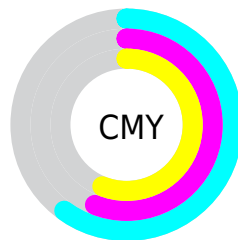
- Red (40%)
- Green (44%)
- Blue (44%)



- Red (40%)
- Yellow (42%)
- Blue (44%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9759, 15.3054, 17.5469 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 13.9759, 15.3054, 17.5469 by changing the saturation by 10% instead.

■ 13.9759, 15.3054,
17.5469

■ 13.9759, 15.3054,
17.5469

210.5945,
225.2074, 250.4544

■ 8.1855, 9.0340,
10.4591

■ 32.6329, 35.3881,
40.0672

■ 4.2667, 4.7634,
5.5948

■ 46.2302, 49.9681,
56.3368

■ 1.8541, 2.1091,
2.5356

■ 63.1605, 68.0865,
76.5040

■ 0.5499, 0.6697,
0.8589

■ 83.7891, 90.1276,
100.9875

■ 0.0000, 0.0000,
0.0000

108.4815,
116.4759, 130.2057

137.6029,

147.5157, 164.5772

171.5188,
183.6313, 204.5206

■ 13.9759, 15.3054,
17.5469

■ 13.9759, 15.3054,
17.5469

■ 12.6962, 14.4823,
17.4557

■ 15.4287, 16.2204,
17.6472

■ 11.5814, 13.7457,
17.3723

■ 17.0597, 17.2287,
17.7558

■ 10.6245, 13.0924,
17.2966

■ 18.8756, 18.3343,
17.8735

■ 9.8178, 12.5184,
17.2283

■ 20.8821, 19.5400,
18.0005

■ 9.1526, 12.0191,
17.1670

■ 23.0849, 20.8488,
18.1370

■ 8.6194, 11.5898,
17.1123

■ 25.4894, 22.2634,
18.2833

■ 8.2077, 11.2249,
17.0635

■ 28.1006, 23.7866,
18.4397

■ 7.9052, 10.9182,
17.0203

■ 30.9236, 25.4208,
18.6064

■ 7.6640, 10.6448,
16.9802

■ 33.9631, 27.1686,
18.7835

Harmonies

Analogous

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



13.9042, 15.3054, 16.5866



13.9759, 15.3054, 17.5469



14.2000, 15.3054, 18.2953

Triad

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



13.9759, 15.3054, 17.5469



15.1060, 15.3054, 17.6881



14.5748, 15.3054, 14.8644

Complementary

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



13.9759, 15.3054, 17.5469



13.7826, 13.8871, 14.2663

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.



14.9003, 15.3054, 15.1345



13.9759, 15.3054, 17.5469



15.2100, 15.3054, 16.7436

Square

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



13.9759, 15.3054, 17.5469



14.8521, 15.3054, 18.3790



15.1341, 15.3054, 15.8131



14.2468, 15.3054, 15.0610

Rectangle

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



13.9759, 15.3054, 17.5469



14.4074, 15.3054, 18.5602



15.1341, 15.3054, 15.8131



14.6881, 15.3054, 14.9034

Sweetspot

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



13.9763, 15.3060, 17.5472



26.2390, 27.9537, 30.9424



13.5554, 15.3130, 14.7903



6.2599, 6.6882, 7.4308



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.



13.9763, 15.3060, 17.5472



23.9641, 26.5131, 30.7843



13.4029, 14.1593, 17.3561



3.4504, 3.7660, 4.2993



8.8465, 12.2834, 19.6263



43.7397, 60.5312, 97.6575

Inverse Universe

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



14.2054, 13.9001, 16.9739



24.4622, 23.4724, 29.5335



14.3326, 14.9871, 14.4496



3.5020, 3.4485, 4.1702



10.4837, 5.0858, 14.8887



52.0577, 25.2684, 73.2933

Previews

White Background



This preview shows how the XYZ color 13.9759, 15.3054, 17.5469 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 13.9759, 15.3054, 17.5469 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

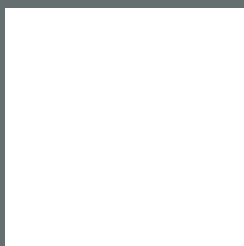
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9759, 15.3054, 17.5469

Background



This preview shows how black text looks on a background with the XYZ color 13.9759, 15.3054, 17.5469.



This preview shows how white text looks on a background with the XYZ color 13.9759, 15.3054,

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

13.9759, 15.3054, 17.5469

Protanopia

14.6074, 15.1659, 16.9093

Deuteranopia

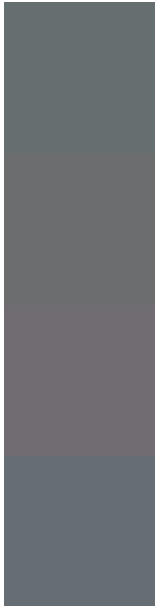
15.6059, 15.3519, 17.7635



Tritanopia

14.3852, 15.3086, 19.6494

Trichromacy



Original Color

13.9759, 15.3054, 17.5469

Protanomaly

14.4013, 15.2108, 17.2159

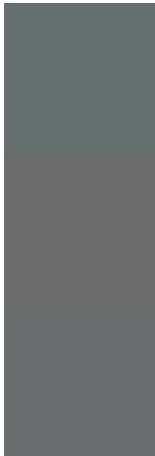
Deuteranomaly

15.0253, 15.3621, 17.7961

Tritanomaly

14.2078, 15.2376, 18.7153

Monochromacy



Original Color

13.9759, 15.3054, 17.5469

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.0547, 15.0447, 16.6311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9759, 15.3054, 17.5469 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(101, 111, 112)` looks like.

```
.text, #text, p{  
    color:rgb(101, 111, 112)  
}
```

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(101, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 111, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.9759, 15.3054, 17.5469 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(101, 111, 112) }
```


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

```
.border{ border-color:rgb(101, 111, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(101, 111,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9759, 15.3054, 17.5469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 111, 112) }
```

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

```
.background{ background-color: rgb(101,  
111, 112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor