

Converting Colors

XYZ(13.9420, 15.2894, 13.5617)

Have a look what the booklet for
XYZ(13.9420, 15.2894, 13.5617)
contains.

XYZ(13.9179, 15.2031, 13.5102)	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(13.9179, 15.2031,
13.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6E61
RGB	108, 110, 97
RGB Percent	42%, 43%, 38%
CMY	0.5765, 0.5686, 0.6196
CMYK	0.02, 0.00, 0.12, 0.57
HSL	69°, 6%, 41%
HSV	69°, 12%, 43%
XYZ	13.9179, 15.2031, 13.5102
YIQ	107.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

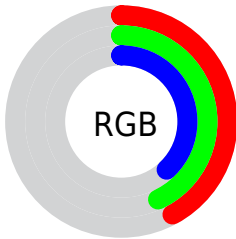
Format	Color
R _Y B	97, 110, 99
Decimal	7106145
CIE Lab	45.91, -3.32, 6.99
CIE LCh	46, 7.736, 115.389
Yxy	15.2031, 0.3265, 0.3566
Android (android.graphics.Color)	4285296225 (0xFF6C6E61)
YUV	107.9200, -5.3836, 0.0702
Hunter-Lab	38.9912, -4.5189, 6.7502

Details

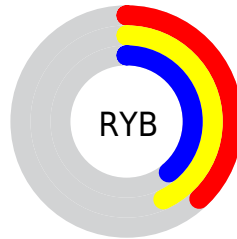
The XYZ color **13.9179, 15.2031, 13.5102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2355, 12.3283, 16.4875**, and the grayscale version is **14.2458, 14.9877, 16.3216**.

A 20% lighter version of the original color is **32.5637, 35.3497, 33.1239**, and **4.2995, 4.7861, 3.8292** is the 20% darker color. If you saturate the color by 10%, you get **13.2362, 14.9073, 10.9840**, and if you desaturate by 10%, it is **14.6756, 15.5307, 16.4119**.

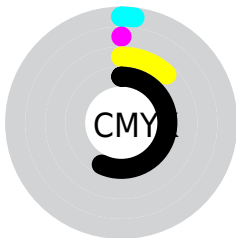
Distribution



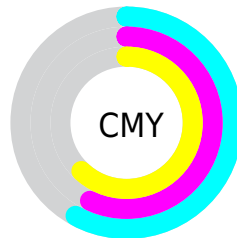
- Red (42%)
- Green (43%)
- Blue (38%)



- Red (38%)
- Yellow (43%)
- Blue (39%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (57%)



- Cyan (58%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9179, 15.2031, 13.5102 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 13.9179, 15.2031, 13.5102 by changing the saturation by 10% instead.

■ 13.9179, 15.2031,
13.5102

■ 13.9179, 15.2031,
13.5102

210.2403,
224.5923, 225.4836

■ 8.1449, 8.9621,
7.6460

■ 32.5308, 35.2091,
32.9219

■ 4.2404, 4.7164,
3.7847

■ 46.1013, 49.7428,
47.3065

■ 1.8390, 2.0819,
1.5080

■ 63.0018, 67.8095,
65.3682

■ 0.5410, 0.6544,
0.2239

■ 83.5976, 89.7937,
87.5257

■ 0.0000, 0.0000,
0.0000

108.2540,
116.0796, 114.1974

137.3363,

147.0518, 145.8019

171.2100,
183.0945, 182.7578

■ 13.9179, 15.2031,
13.5102

■ 13.9179, 15.2031,
13.5102

■ 13.2362, 14.9073,
10.9840

■ 14.6756, 15.5307,
16.4119

■ 12.6263, 14.6403,
8.8170

■ 15.5108, 15.8893,
19.7027

■ 12.0855, 14.4013,
6.9932

■ 16.4266, 16.2806,
23.3964

■ 11.6104, 14.1890,
5.4949

■ 17.4254, 16.7056,
27.5062

■ 11.1974, 14.0021,
4.3029

■ 18.5096, 17.1652,
32.0445

■ 10.8424, 13.8388,
3.3959

■ 19.6815, 17.6604,
37.0231

■ 10.5408, 13.6972,
2.7500

■ 20.9434, 18.1920,
42.4536

■ 10.2871, 13.5754,
2.3365

■ 22.2972, 18.7609,
48.3469

■ 10.0961, 13.4826,
2.0703

■ 23.7451, 19.3679,
54.7136

Harmonies

Analogous

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



14.5514, 15.2031, 13.2189



13.9179, 15.2031, 13.5102



13.4402, 15.2031, 14.5922

Triad

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



13.9179, 15.2031, 13.5102



13.7479, 15.2031, 19.6961



15.7393, 15.2031, 16.8446

Complementary

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



13.9179, 15.2031, 13.5102



12.2355, 12.3283, 16.4875

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.



15.5093, 15.2031, 18.6833



13.9179, 15.2031, 13.5102



14.3493, 15.2031, 20.4067

Square

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



13.9179, 15.2031, 13.5102



13.3442, 15.2031, 18.1453



14.9957, 15.2031, 20.0228



15.6155, 15.2031, 15.0578

Rectangle

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



13.9179, 15.2031, 13.5102



13.2678, 15.2031, 15.6622



14.9957, 15.2031, 20.0228



15.7007, 15.2031, 17.4782

Sweetspot

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



13.9183, 15.2038, 13.5105



25.4557, 27.1373, 27.5964



13.0457, 13.0927, 13.1490



5.9045, 6.3067, 6.3478



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.9183, 15.2038, 13.5105



24.1237, 26.5613, 22.5313



13.1628, 14.8143, 13.4752



3.5939, 3.8915, 3.6351



12.1085, 16.1859, 2.4860



59.7308, 80.3264, 12.3564

Inverse Universe

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



12.2355, 12.3283, 16.4875



20.5896, 20.5226, 28.7833



12.9684, 12.7061, 16.5218



3.2611, 3.3229, 4.2237



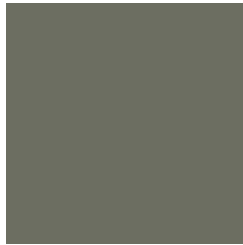
3.6393, 1.4856, 17.8165



17.6459, 7.1512, 88.7294

Previews

White Background



This preview shows how the XYZ color 13.9179, 15.2031, 13.5102 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 13.9179, 15.2031, 13.5102 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

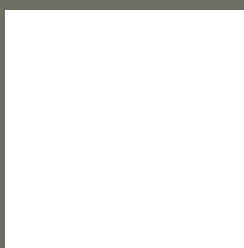
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9179, 15.2031, 13.5102

Background



This preview shows how black text looks on a background with the XYZ color 13.9179, 15.2031, 13.5102.



This preview shows how white text looks on a background with the XYZ color 13.9179, 15.2031,

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

13.9179, 15.2031, 13.5102

Protanopia

14.2839, 15.0804, 13.2243

Deuteranopia

15.4246, 15.1959, 13.6754



Tritanopia

14.9656, 15.1559, 18.6596

Trichromacy



Original Color

13.9179, 15.2031, 13.5102

Protanomaly

14.1355, 15.1613, 13.2477

Deuteranomaly

14.9335, 15.2488, 13.7115

Tritanomaly

14.5533, 15.1442, 16.6241

Monochromacy



Original Color

13.9179, 15.2031, 13.5102

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1517, 15.1249, 15.2702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9179, 15.2031, 13.5102 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(108, 110, 97) looks like.

```
.text, #text, p{  
    color:rgb(108, 110, 97)  
}
```

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(108, 110, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 110, 97) }
```

Border

The CSS property to change the border of an element to XYZ 13.9179, 15.2031, 13.5102 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(108, 110, 97) }
```


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

```
.border{ border-color:rgb(108, 110, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 110, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 110, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 110, 97);  
box-shadow:4px 4px 4px 4px rgb(108, 110,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9179, 15.2031, 13.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 110, 97) }
```

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

```
.background{ background-color: rgb(108,  
110, 97) }
```

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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