

Converting Colors

XYZ(15.0057, 15.5103, 17.8261)

Have a look what the booklet for
XYZ(15.0057, 15.5103, 17.8261)
contains.

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Color

**XYZ(15.0048, 15.5090,
17.8255)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6D71
RGB	111, 109, 113
RGB Percent	44%, 43%, 44%
CMY	0.5647, 0.5725, 0.5569
CMYK	0.02, 0.04, 0.00, 0.56
HSL	270°, 2%, 44%
HSV	270°, 4%, 44%
XYZ	15.0048, 15.5090, 17.8255
YIQ	110.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

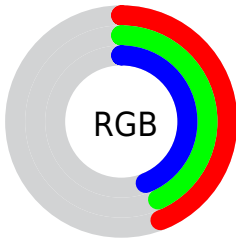
Format	Color
R _Y B	111, 109, 113
Decimal	7302513
CIE Lab	46.32, 1.59, -1.96
CIE LCh	46, 2.523, 309.184
Yxy	15.5090, 0.3104, 0.3208
Android (android.graphics.Color)	4285492593 (0xFF6F6D71)
YUV	110.0540, 1.4524, 0.8296
Hunter-Lab	39.3815, -0.9070, 0.7302

Details

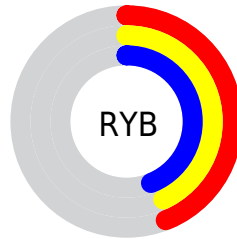
The XYZ color **15.0048, 15.5090, 17.8255** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2216, 16.2943, 16.8116**, and the grayscale version is **14.8328, 15.6053, 16.9942**.

A 20% lighter version of the original color is **34.4666, 35.6448, 40.6609**, and **4.7267, 4.8837, 5.6945** is the 20% darker color. If you saturate the color by 10%, you get **13.1873, 12.8965, 17.4173**, and if you desaturate by 10%, it is **17.0233, 18.4561, 18.2882**.

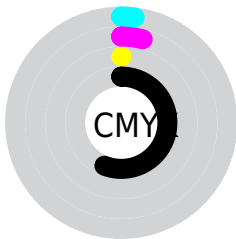
Distribution



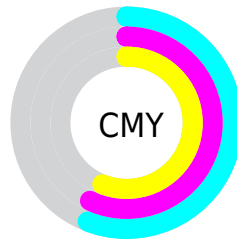
- Red (44%)
- Green (43%)
- Blue (44%)



- Red (44%)
- Yellow (43%)
- Blue (44%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0048, 15.5090, 17.8255 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 15.0048, 15.5090, 17.8255 by changing the saturation by 10% instead.

■ 15.0048, 15.5090,
17.8255

■ 15.0048, 15.5090,
17.8255

216.7831,
226.4267, 252.0886

■ 8.9091, 9.1774,
10.6566

■ 34.4332, 35.7437,
40.5497

■ 4.7386, 4.8571,
5.7252

■ 48.4966, 50.4155,
56.9421

■ 2.1279, 2.1636,
2.6126

■ 65.9466, 68.6363,
77.2460

■ 0.7043, 0.7001,
0.8990

■ 87.1485, 90.7902,
101.8801

■ 0.0000, 0.0000,
0.0000

112.4678,
117.2619, 131.2629

142.2697,

148.4356, 165.8129

176.9197,
184.6957, 205.9486

■ 15.0048, 15.5090,
17.8255

■ 15.0048, 15.5090,
17.8255

■ 13.1873, 12.8965,
17.4173

■ 17.0233, 18.4561,
18.2882

■ 11.5626, 10.6043,
17.0605

■ 19.2476, 21.7472,
18.8062

■ 10.1242, 8.6203,
16.7533

■ 21.6845, 25.3940,
19.3817

■ 8.8645, 6.9306,
16.4936

■ 24.3395, 29.4070,
20.0163

■ 7.7754, 5.5204,
16.2788

■ 27.2184, 33.7961,
20.7118

6.8480, 4.3735,
16.1063

30.3264, 38.5710,
21.4696

6.0728, 3.4719,
15.9731

33.6687, 43.7410,
22.2914

5.4388, 2.7953,
15.8759

37.2504, 49.3151,
23.1785

4.9311, 2.3154,
15.8101

41.0762, 55.3018,
24.1324

Harmonies

Analogous

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



14.8072, 15.5090, 18.0883



15.0048, 15.5090, 17.8255



15.1325, 15.5090, 17.3129

Triad

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



15.0048, 15.5090, 17.8255



14.8889, 15.5090, 15.7991



14.3346, 15.5090, 17.0772

Complementary

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



15.0048, 15.5090, 17.8255



15.2216, 16.2943, 16.8116

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.



14.3560, 15.5090, 16.4675



15.0048, 15.5090, 17.8255



14.6747, 15.5090, 15.7395

Square

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



15.0048, 15.5090, 17.8255



15.0651, 15.5090, 16.1463



14.4800, 15.5090, 15.9814



14.4213, 15.5090, 17.6494

Rectangle

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



15.0048, 15.5090, 17.8255



15.1600, 15.5090, 16.9036



14.4800, 15.5090, 15.9814



14.3295, 15.5090, 16.8697

Sweetspot

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



15.0052, 15.5097, 17.8258



27.7427, 29.0406, 32.1187



14.9796, 15.8275, 17.8885



6.4226, 6.7258, 7.4294



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.



15.0052, 15.5097, 17.8258



26.6746, 27.4905, 31.8758



15.2512, 15.6365, 17.8373



3.5618, 3.6634, 4.2736



5.2383, 2.3099, 17.8914



25.0996, 10.9937, 89.0782

Inverse Universe

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



15.1485, 15.5964, 17.2517



26.9717, 27.6704, 30.6845



14.9809, 16.1702, 16.8003



3.6054, 3.6898, 4.0988



8.5393, 4.3081, 4.6499



42.1025, 21.2863, 20.8698

Previews

White Background



This preview shows how the XYZ color 15.0048, 15.5090, 17.8255 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 15.0048, 15.5090, 17.8255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

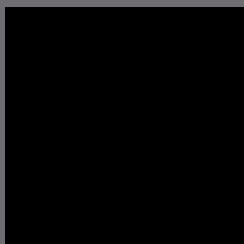
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

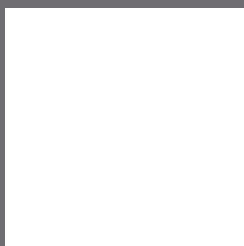
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0048, 15.5090, 17.8255

Background



This preview shows how black text looks on a background with the XYZ color 15.0048, 15.5090, 17.8255.



This preview shows how white text looks on a background with the XYZ color 15.0048, 15.5090,

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

15.0048, 15.5090, 17.8255

Protanopia

15.0048, 15.5090, 17.8255

Deuteranopia

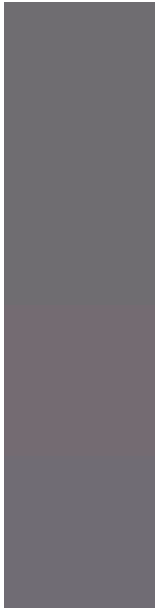
15.7990, 15.4449, 18.0681



Tritanopia

15.2555, 15.4542, 19.0085

Trichromacy



Original Color

15.0048, 15.5090, 17.8255

Protanomaly

15.0048, 15.5090, 17.8255

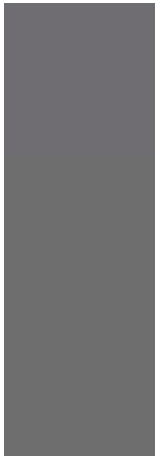
Deuteranomaly

15.4974, 15.4433, 18.0836

Tritanomaly

15.1970, 15.4308, 18.7005

Monochromacy



Original Color

15.0048, 15.5090, 17.8255

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8756, 15.6146, 17.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0048, 15.5090, 17.8255 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(111, 109, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 109, 113)  
}
```

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(111, 109, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 109, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.0048, 15.5090, 17.8255 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(111, 109, 113) }
```


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

```
.border{ border-color:rgb(111, 109, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 109, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 109, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 109, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 109,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0048, 15.5090, 17.8255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 109, 113) }
```

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

```
.background{ background-color: rgb(111,  
109, 113) }
```

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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