

Converting Colors

XYZ(15.5034, 15.1470, 17.7293)

Have a look what the booklet for
XYZ(15.5034, 15.1470, 17.7293)
contains.

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Color

**XYZ(15.5034, 15.1470,
17.7293)**

Conversions

Conversions Part 1

Format	Color
Hex	766971
RGB	118, 105, 113
RGB Percent	46%, 41%, 44%
CMY	0.5373, 0.5882, 0.5569
CMYK	0.00, 0.11, 0.04, 0.54
HSL	323°, 6%, 44%
HSV	323°, 11%, 46%
XYZ	15.5034, 15.1470, 17.7293
YIQ	109.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

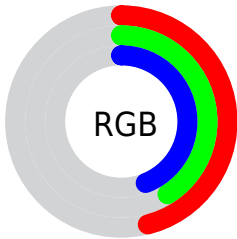
Format	Color
R_{YB}	118, 105, 113
Decimal	7760241
CIE _{Lab}	45.83, 6.66, -2.60
CIE _{LCh}	46, 7.151, 338.671
Yxy	15.1470, 0.3205, 0.3131
Android (android.graphics.Color)	4285950321 (0xFF766971)
YUV	109.7990, 1.5781, 7.1923
Hunter-Lab	38.9191, 2.9968, 0.2343

Details

The XYZ color **15.5034, 15.1470, 17.7293** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1192, 17.0862, 17.2538**, and the grayscale version is **14.7584, 15.5270, 16.9089**.

A 20% lighter version of the original color is **35.2576, 35.0396, 40.5024**, and **4.9930, 4.7099, 5.6470** is the 20% darker color. If you saturate the color by 10%, you get **14.1349, 12.8086, 16.0438**, and if you desaturate by 10%, it is **17.0524, 17.8255, 19.5384**.

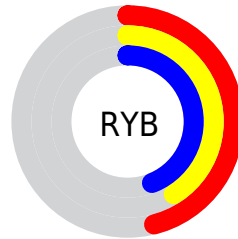
Distribution



Red (46%)

Green (41%)

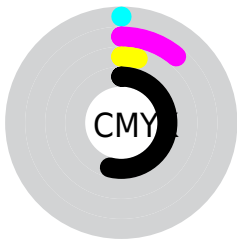
Blue (44%)



Red (46%)

Yellow (41%)

Blue (44%)

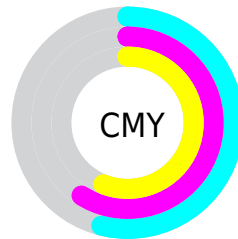


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (54%)



Cyan (54%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5034, 15.1470, 17.7293 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 15.5034, 15.1470, 17.7293 by changing the saturation by 10% instead.

■ 15.5034, 15.1470,
17.7293

■ 15.5034, 15.1470,
17.7293

219.7217,
224.2543, 251.5255

■ 9.2620, 8.9226,
10.5884

■ 35.2984, 35.1109,
40.3832

■ 4.9710, 4.6907,
5.6801

■ 49.5827, 49.6191,
56.7333

■ 2.2648, 2.0670,
2.5859

■ 67.2787, 67.6575,
76.9902

■ 0.7766, 0.6460,
0.8852

■ 88.7518, 89.6103,
101.5724

■ 0.0000, 0.0000,
0.0000

114.3673,
115.8620, 130.8985

144.4905,

146.7969, 165.3870

179.4869,
182.7996, 205.4565

■ 15.5034, 15.1470,
17.7293

■ 15.5034, 15.1470,
17.7293

■ 14.1349, 12.8086,
16.0438

■ 17.0524, 17.8255,
19.5384

■ 12.9385, 10.7944,
14.4776

■ 18.7871, 20.8549,
21.4732

■ 11.9072, 9.0906,
13.0277

■ 20.7143, 24.2482,
23.5371

■ 11.0329, 7.6813,
11.6904

■ 22.8399, 28.0171,
25.7328

■ 10.3068, 6.5492,
10.4619

■ 25.1697, 32.1727,
28.0630

■ 9.7194, 5.6754,
9.3378

■ 27.7091, 36.7256,
30.5305

■ 9.2596, 5.0384,
8.3136

■ 30.4634, 41.6862,
33.1379

■ 8.9149, 4.6133,
7.3840

■ 33.4376, 47.0643,
35.8875

■ 8.6609, 4.3274,
6.6143

■ 36.6366, 52.8695,
38.7818

Harmonies

Analogous

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



15.1330, 15.1470, 19.2217



15.5034, 15.1470, 17.7293



15.5730, 15.1470, 15.9972

Triad

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



15.5034, 15.1470, 17.7293



14.2228, 15.1470, 13.4245



13.5109, 15.1470, 18.6543

Complementary

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



15.5034, 15.1470, 17.7293



15.1192, 17.0862, 17.2538

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.



13.2813, 15.1470, 16.9979



15.5034, 15.1470, 17.7293



13.6848, 15.1470, 14.0347

Square

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



15.5034, 15.1470, 17.7293



14.8224, 15.1470, 13.5902



13.3441, 15.1470, 15.3146



13.9794, 15.1470, 19.7811

Rectangle

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



15.5034, 15.1470, 17.7293



15.4376, 15.1470, 14.9510



13.3441, 15.1470, 15.3146



13.4038, 15.1470, 18.1365

Sweetspot

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



15.5038, 15.1477, 17.7296



29.3962, 30.3230, 33.6816



14.7505, 14.7259, 19.2046



6.7130, 6.8926, 7.6913



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.5038, 15.1477, 17.7296



26.6772, 25.6326, 30.4708



15.1518, 15.0068, 15.8758



3.7698, 3.7352, 4.3144



9.3636, 4.6792, 7.1230



45.2020, 22.6309, 32.4570

Inverse Universe

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



15.5038, 15.1477, 17.7296



26.6772, 25.6326, 30.4708



15.4852, 17.2326, 19.1811



3.7698, 3.7352, 4.3144



9.3636, 4.6792, 7.1230



45.2020, 22.6309, 32.4570

Previews

White Background



This preview shows how the XYZ color 15.5034, 15.1470, 17.7293 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 15.5034, 15.1470, 17.7293 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 15.5034, 15.1470, 17.7293

Background



This preview shows how black text looks on a background with the XYZ color 15.5034, 15.1470, 17.7293.



This preview shows how white text looks on a background with the XYZ color 15.5034, 15.1470,

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

15.5034, 15.1470, 17.7293

Protanopia

14.7637, 15.2141, 18.3781

Deuteranopia

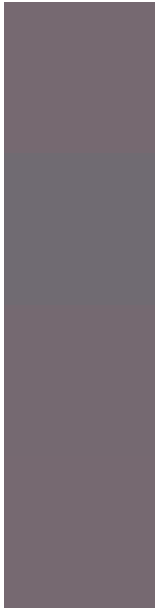
15.3683, 15.0773, 17.7230



Tritanopia

15.5034, 15.1470, 17.7293

Trichromacy



Original Color

15.5034, 15.1470, 17.7293

Protanomaly

14.9770, 15.1750, 18.0593

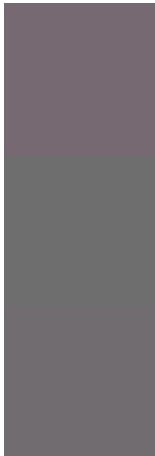
Deuteranomaly

15.3683, 15.0773, 17.7230

Tritanomaly

15.5034, 15.1470, 17.7293

Monochromacy



Original Color

15.5034, 15.1470, 17.7293

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0419, 15.3835, 17.2155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5034, 15.1470, 17.7293 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(118, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(118, 105, 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(118, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 105, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.5034, 15.1470, 17.7293 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(118, 105, 113) }
```


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

```
.border{ border-color:rgb(118, 105, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 105, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 105, 113);  
box-shadow:4px 4px 4px 4px rgb(118, 105,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5034, 15.1470, 17.7293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 105, 113) }
```

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

```
.background{ background-color: rgb(118,  
105, 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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