

Converting Colors

XYZ(15.5521, 15.1403, 19.2409)

Have a look what the booklet for
XYZ(15.5521, 15.1403, 19.2409)
contains.

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Color

**XYZ(15.5240, 15.1242,
19.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	746976
RGB	116, 105, 118
RGB Percent	45%, 41%, 46%
CMY	0.5451, 0.5882, 0.5373
CMYK	0.02, 0.11, 0.00, 0.54
HSL	291°, 6%, 44%
HSV	291°, 11%, 46%
XYZ	15.5240, 15.1242, 19.2406
YIQ	109.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

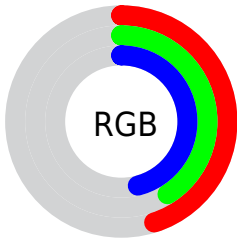
Format	Color
R_{YB}	116, 105, 118
Decimal	7629174
CIE _{Lab}	45.80, 6.92, -5.67
CIE _{LCh}	46, 8.945, 320.636
Yxy	15.1242, 0.3112, 0.3032
Android (android.graphics.Color)	4285819254 (0xFF746976)
YUV	109.7710, 4.0569, 5.4628
Hunter-Lab	38.8898, 3.1962, -2.1106

Details

The XYZ color **15.5240, 15.1242, 19.2406** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0924, 17.1031, 15.8712**, and the grayscale version is **14.7441, 15.5119, 16.8925**.

A 20% lighter version of the original color is **35.2926, 35.0040, 42.9265**, and **5.0024, 4.6973, 6.4374** is the 20% darker color. If you saturate the color by 10%, you get **14.1656, 12.7622, 18.8565**, and if you desaturate by 10%, it is **17.0548, 17.8235, 19.6812**.

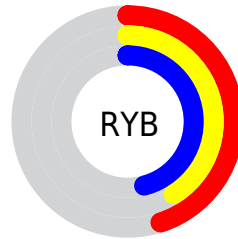
Distribution



Red (45%)

Green (41%)

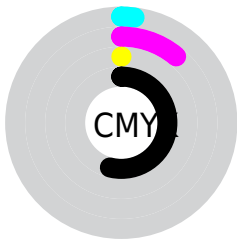
Blue (46%)



Red (45%)

Yellow (41%)

Blue (46%)

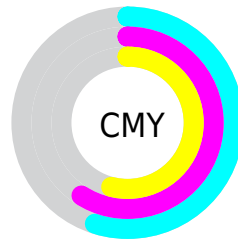


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (59%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5240, 15.1242, 19.2406 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 15.5240, 15.1242, 19.2406 by changing the saturation by 10% instead.

■ 15.5240, 15.1242,
19.2406

■ 15.5240, 15.1242,
19.2406

219.8424,
224.1167, 260.2407

■ 9.2767, 8.9066,
11.6657

■ 35.3340, 35.0709,
42.9824

■ 4.9806, 4.6803,
6.3967

■ 49.6274, 49.5688,
59.9863

■ 2.2705, 2.0609,
3.0151

■ 67.3335, 67.5956,
80.9703

■ 0.7795, 0.6425,
1.1024

■ 88.8177, 89.5357,
106.3530

■ 0.0000, 0.0000,
0.0000

114.4453,
115.7734, 136.5528

144.5817,

146.6933, 171.9883

179.5923,
182.6796, 213.0781

■ 15.5240, 15.1242,
19.2406

■ 15.5240, 15.1242,
19.2406

■ 14.1656, 12.7622,
18.8565

■ 17.0548, 17.8235,
19.6812

■ 12.9715, 10.7219,
18.5256

■ 18.7631, 20.8711,
20.1794

■ 11.9347, 8.9893,
18.2459

■ 20.6554, 24.2798,
20.7376

■ 11.0473, 7.5487,
18.0146

■ 22.7377, 28.0612,
21.3577

■ 10.3008, 6.3830,
17.8289

■ 25.0155, 32.2263,
22.0416

■ 9.6857, 5.4732,
17.6857

■ 27.4941, 36.7859,
22.7911

■ 9.1911, 4.7979,
17.5814

■ 30.1786, 41.7502,
23.6078

■ 8.8048, 4.3323,
17.5119

■ 33.0740, 47.1288,
24.4934

■ 8.5077, 4.0081,
17.4650

■ 36.1850, 52.9315,
25.4494

Harmonies

Analogous

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



14.8915, 15.1242, 20.6618



15.5240, 15.1242, 19.2406



15.8518, 15.1242, 17.1517

Triad

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



15.5240, 15.1242, 19.2406



14.6120, 15.1242, 12.7052



13.0620, 15.1242, 17.9730

Complementary

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



15.5240, 15.1242, 19.2406



15.0924, 17.1031, 15.8712

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.



12.9931, 15.1242, 15.8021



15.5240, 15.1242, 19.2406



13.8708, 15.1242, 12.8834

Square

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



15.5240, 15.1242, 19.2406



15.3133, 15.1242, 13.4649



13.2843, 15.1242, 13.9749



13.4761, 15.1242, 19.8867

Rectangle

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



15.5240, 15.1242, 19.2406



15.8458, 15.1242, 15.7140



13.2843, 15.1242, 13.9749



12.9983, 15.1242, 17.2451

Sweetspot

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



15.5244, 15.1249, 19.2409



29.4080, 30.3123, 34.4379



14.3715, 14.8622, 19.2510



6.7163, 6.8896, 7.9048



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.



15.5244, 15.1249, 19.2409



26.7187, 25.5833, 33.6668



15.5416, 15.1628, 17.9283



3.7740, 3.7308, 4.6114



9.1957, 4.3319, 18.8940



44.2285, 20.8091, 92.0458

Inverse Universe

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



15.1773, 15.0170, 16.0096



25.9956, 25.3600, 26.8813



15.0830, 17.0719, 17.0632



3.7048, 3.7092, 3.9724



8.1990, 4.2133, 0.9901



39.7459, 20.4485, 3.7254

Previews

White Background



This preview shows how the XYZ color 15.5240, 15.1242, 19.2406 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 15.5240, 15.1242, 19.2406 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 15.5240, 15.1242, 19.2406

Background



This preview shows how black text looks on a background with the XYZ color 15.5240, 15.1242, 19.2406.



This preview shows how white text looks on a background with the XYZ color 15.5240, 15.1242,

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

15.5240, 15.1242, 19.2406

Protanopia

14.8161, 15.2070, 19.9236

Deuteranopia

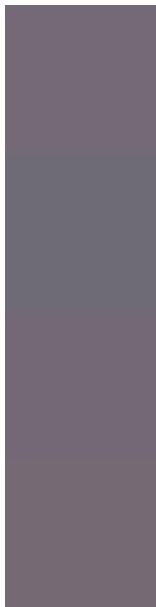
15.3918, 15.0560, 19.2344



Tritanopia

15.2615, 15.1678, 18.0429

Trichromacy



Original Color

15.5240, 15.1242, 19.2406

Protanomaly

15.0179, 15.1623, 19.5879

Deuteranomaly

15.3918, 15.0560, 19.2344

Tritanomaly

15.3188, 15.1907, 18.3444

Monochromacy



Original Color

15.5240, 15.1242, 19.2406

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0253, 15.3621, 17.7961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5240, 15.1242, 19.2406 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(116, 105, 118)` looks like.

```
.text, #text, p{  
    color:rgb(116, 105, 118)  
}
```

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(116, 105, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 105, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.5240, 15.1242, 19.2406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

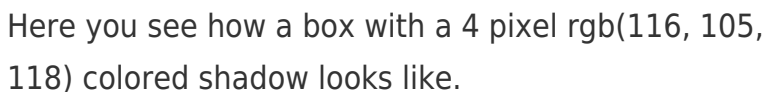
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 105, 118) }
```


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

```
.border{ border-color:rgb(116, 105, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 105, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 105, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 105, 118); box-shadow:4px 4px 4px 4px rgb(116, 105, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5240, 15.1242, 19.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 105, 118) }
```

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

```
.background{ background-color: rgb(116,  
105, 118) }
```

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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