

Converting Colors

XYZ(15.4124, 14.9125, 19.0064)

Have a look what the booklet for
XYZ(15.4124, 14.9125, 19.0064)
contains.

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Color

**XYZ(15.3637, 14.8980,
18.8955)**

Conversions

Conversions Part 1

Format	Color
Hex	746875
RGB	116, 104, 117
RGB Percent	45%, 41%, 46%
CMY	0.5451, 0.5921, 0.5412
CMYK	0.01, 0.11, 0.00, 0.54
HSL	295°, 6%, 43%
HSV	295°, 11%, 46%
XYZ	15.3637, 14.8980, 18.8955
YIQ	109.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

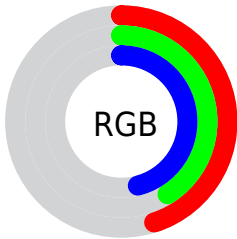
Format	Color
R _Y B	116, 104, 117
Decimal	7628917
CIE Lab	45.49, 7.31, -5.53
CIE LCh	45, 9.165, 322.868
Yxy	14.8980, 0.3125, 0.3031
Android (android.graphics.Color)	4285818997 (0xFF746875)
YUV	109.0700, 3.9095, 6.0776
Hunter-Lab	38.5979, 3.5046, -2.0067

Details

The XYZ color **15.3637, 14.8980, 18.8955** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6862, 16.7257, 15.5518**, and the grayscale version is **14.5447, 15.3022, 16.6641**.

A 20% lighter version of the original color is **35.0312, 34.6321, 42.3744**, and **4.9212, 4.5849, 6.2558** is the 20% darker color. If you saturate the color by 10%, you get **14.1479, 12.6429, 18.5245**, and if you desaturate by 10%, it is **16.7449, 17.4818, 19.3216**.

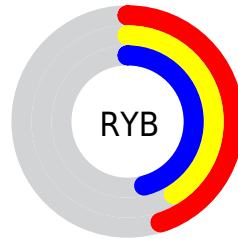
Distribution



Red (45%)

Green (41%)

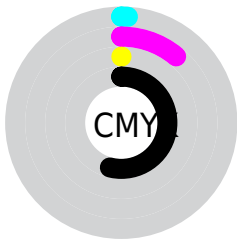
Blue (46%)



Red (45%)

Yellow (41%)

Blue (46%)

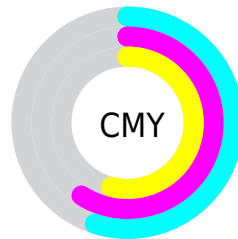


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (59%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3637, 14.8980, 18.8955 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 15.3637, 14.8980, 18.8955 by changing the saturation by 10% instead.

■ 15.3637, 14.8980,
18.8955

■ 15.3637, 14.8980,
18.8955

218.9022,
222.7480, 258.2747

■ 9.1630, 8.7478,
11.4187

■ 35.0564, 34.6741,
42.3918

■ 4.9056, 4.5771,
6.2315

■ 49.2791, 49.0689,
59.2484

■ 2.2262, 2.0013,
2.9153

■ 66.9066, 66.9807,
80.0687

■ 0.7565, 0.6082,
1.0516

■ 88.3041, 88.7938,
105.2713

■ 0.0000, 0.0000,
0.0000

113.8371,
114.8927, 135.2746

143.8708,

145.6618, 170.4973

178.7708,
181.4854, 211.3578

■ 15.3637, 14.8980,
18.8955

■ 15.3637, 14.8980,
18.8955

■ 14.1479, 12.6429,
18.5245

■ 16.7449, 17.4818,
19.3216

■ 13.0896, 10.7013,
18.2055

■ 18.2966, 20.4050,
19.8041

■ 12.1820, 9.0594,
17.9364

■ 20.0252, 23.6803,
20.3452

■ 11.4174, 7.7018,
17.7147

■ 21.9363, 27.3188,
20.9468

■ 10.7875, 6.6119,
17.5375

■ 24.0354, 31.3316,
21.6107

■ 10.2829, 5.7709,
17.4018

■ 26.3277, 35.7290,
22.3387

■ 9.8932, 5.1580,
17.3040

■ 28.8181, 40.5210,
23.1323

■ 9.6062, 4.7489,
17.2402

■ 31.5115, 45.7172,
23.9933

■ 9.3955, 4.4727,
17.1980

■ 34.4126, 51.3269,
24.9232

Harmonies

Analogous

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



14.7386, 14.8980, 20.4143



15.3637, 14.8980, 18.8955



15.6681, 14.8980, 16.7493

Triad

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



15.3637, 14.8980, 18.8955



14.3432, 14.8980, 12.3951



12.8494, 14.8980, 17.9117

Complementary

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



15.3637, 14.8980, 18.8955



14.6862, 16.7257, 15.5518

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.



12.7521, 14.8980, 15.7047



15.3637, 14.8980, 18.8955



13.5969, 14.8980, 12.6459

Square

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



15.3637, 14.8980, 18.8955



15.0654, 14.8980, 13.0935



13.0211, 14.8980, 13.8123



13.2918, 14.8980, 19.8115

Rectangle

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



15.3637, 14.8980, 18.8955



15.6408, 14.8980, 15.3024



13.0211, 14.8980, 13.8123



12.7759, 14.8980, 17.1764

Sweetspot

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



15.3641, 14.8986, 18.8958



29.4744, 30.3466, 34.4410



13.9805, 14.3483, 18.8625



6.7351, 6.8993, 7.9057



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.



15.3641, 14.8986, 18.8958



27.0023, 25.7295, 33.6801



15.1884, 14.8438, 17.2730



3.8002, 3.7443, 4.6127



10.3460, 4.9249, 18.9479



50.0914, 23.8316, 92.3201

Inverse Universe

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



14.8368, 14.7031, 15.4213



25.8873, 25.3166, 26.3111



14.8535, 16.7792, 17.0423



3.6943, 3.7050, 3.9171



8.1344, 4.1875, 0.6499



39.5079, 20.3533, 2.4723

Previews

White Background



This preview shows how the XYZ color 15.3637, 14.8980, 18.8955 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 15.3637, 14.8980, 18.8955 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 15.3637, 14.8980, 18.8955

Background



This preview shows how black text looks on a background with the XYZ color 15.3637, 14.8980, 18.8955.



This preview shows how white text looks on a background with the XYZ color 15.3637, 14.8980,

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

15.3637, 14.8980, 18.8955

Protanopia

14.5313, 14.9115, 19.5651

Deuteranopia

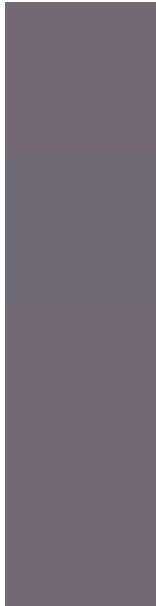
15.2019, 14.9649, 18.9169



Tritanopia

15.1024, 14.9402, 17.7106

Trichromacy



Original Color

15.3637, 14.8980, 18.8955

Protanomaly

14.8545, 14.9311, 19.2386

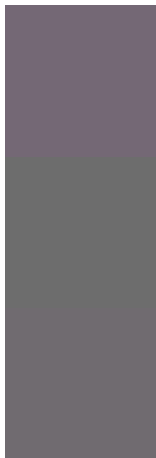
Deuteranomaly

15.3327, 15.0323, 18.9230

Tritanomaly

15.1591, 14.9629, 18.0087

Monochromacy



Original Color

15.3637, 14.8980, 18.8955

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8644, 15.1300, 17.4662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3637, 14.8980, 18.8955 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, 104, 117)` looks like.

```
.text, #text, p{  
    color:rgb(116, 104, 117)  
}
```

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, 104, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 104, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.3637, 14.8980, 18.8955 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, 104, 117) }
```


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

```
.border{ border-color:rgb(116, 104, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 104, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 104, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 104, 117);  
box-shadow:4px 4px 4px 4px rgb(116, 104,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3637, 14.8980, 18.8955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 104, 117) }
```

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

```
.background{ background-color: rgb(116,  
104, 117) }
```

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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