

Converting Colors

XYZ(15.5823, 14.4766, 18.8935)

Have a look what the booklet for
XYZ(15.5823, 14.4766, 18.8935)
contains.

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Color

**XYZ(15.5138, 14.3918,
18.7898)**

Conversions

Conversions Part 1

Format	Color
Hex	786475
RGB	120, 100, 117
RGB Percent	47%, 39%, 46%
CMY	0.5294, 0.6078, 0.5412
CMYK	0.00, 0.17, 0.03, 0.53
HSL	309°, 9%, 43%
HSV	309°, 17%, 47%
XYZ	15.5138, 14.3918, 18.7898
YIQ	107.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

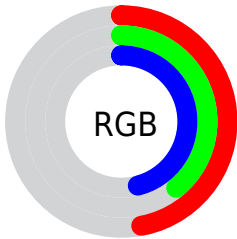
Format	Color
R_{YB}	120, 100, 117
Decimal	7890037
CIE Lab	44.79, 11.23, -6.54
CIE LCh	45, 12.993, 329.785
Yxy	14.3918, 0.3186, 0.2955
Android (android.graphics.Color)	4286080117 (0xFF786475)
YUV	107.9180, 4.4774, 10.5959
Hunter-Lab	37.9365, 6.6070, -2.8105

Details

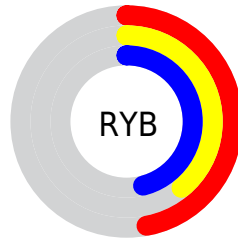
The XYZ color **15.5138, 14.3918, 18.7898** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4208, 17.1220, 15.3777**, and the grayscale version is **14.2179, 14.9583, 16.2896**.

A 20% lighter version of the original color is **35.2413, 33.7684, 42.1967**, and **4.9458, 4.3155, 6.2025** is the 20% darker color. If you saturate the color by 10%, you get **14.3419, 12.2155, 17.8820**, and if you desaturate by 10%, it is **16.8582, 16.9093, 19.7654**.

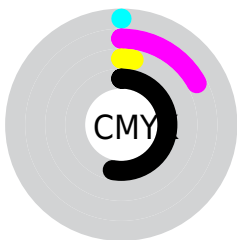
Distribution



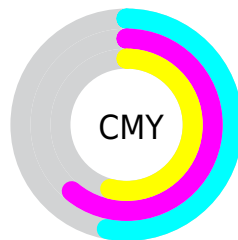
- Red (47%)
- Green (39%)
- Blue (46%)



- Red (47%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5138, 14.3918, 18.7898 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 15.5138, 14.3918, 18.7898 by changing the saturation by 10% instead.

■ 15.5138, 14.3918,
18.7898

■ 15.5138, 14.3918,
18.7898

219.7826,
219.6548, 257.6698

■ 9.2694, 8.3937,
11.3432

■ 35.3164, 33.7826,
42.2106

■ 4.9758, 4.3479,
6.1811

■ 49.6053, 47.9441,
59.0218

■ 2.2677, 1.8700,
2.8850

■ 67.3064, 65.5955,
79.7917

■ 0.7781, 0.5302,
1.0362

■ 88.7851, 87.1212,
104.9388

■ 0.0000, 0.0000,
0.0000

114.4067,
112.9055, 134.8816

144.5366,

143.3330, 170.0387

179.5401,
178.7880, 210.8286

■ 15.5138, 14.3918,
18.7898

■ 15.5138, 14.3918,
18.7898

■ 14.3419, 12.2155,
17.8820

■ 16.8582, 16.9093,
19.7654

■ 13.3337, 10.3637,
17.0387

■ 18.3807, 19.7800,
20.8104

■ 12.4818, 8.8212,
16.2573

■ 20.0883, 23.0175,
21.9272

■ 11.7775, 7.5708,
15.5351

■ 21.9872, 26.6344,
23.1180

■ 11.2114, 6.5936,
14.8687

■ 24.0833, 30.6424,
24.3848

■ 10.7730, 5.8685,
14.2547

■ 26.3824, 35.0529,
25.7295

■ 10.4501, 5.3714,
13.6889

■ 28.8898, 39.8767,
27.1541

■ 10.2173, 5.0512,
13.1627

■ 31.6108, 45.1243,
28.6603

■ 10.1440, 4.9524,
12.9908

■ 34.5504, 50.8058,
30.2498

Harmonies

Analogous

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



14.7149, 14.3918, 21.2918



15.5138, 14.3918, 18.7898



15.8164, 14.3918, 15.6922

Triad

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



15.5138, 14.3918, 18.7898



13.6866, 14.3918, 10.5351



11.9878, 14.3918, 18.7470

Complementary

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



15.5138, 14.3918, 18.7898



14.4208, 17.1220, 15.3777

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.



11.7434, 14.3918, 15.6483



15.5138, 14.3918, 18.7898



12.6929, 14.3918, 11.1370

Square

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



15.5138, 14.3918, 18.7898



14.7288, 14.3918, 11.1545



11.9948, 14.3918, 12.9166



12.6803, 14.3918, 21.2649

Rectangle

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



15.5138, 14.3918, 18.7898



15.6845, 14.3918, 13.7793



11.9948, 14.3918, 12.9166



11.8522, 14.3918, 17.7267

Sweetspot

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



15.5142, 14.3924, 18.7901



30.0423, 30.4775, 35.0388



13.5415, 13.3547, 19.6336



7.0853, 7.1580, 8.2797



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.5142, 14.3924, 18.7901



26.4627, 23.7795, 32.4233



14.9573, 14.1696, 15.8572



4.1299, 4.0677, 4.8816



11.0623, 5.4011, 14.1507



52.5192, 25.6640, 66.1892

Inverse Universe

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



15.5142, 14.3924, 18.7901



26.4627, 23.7795, 32.4233



14.9532, 17.3349, 18.1811



4.1299, 4.0677, 4.8816



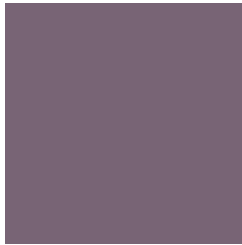
11.0623, 5.4011, 14.1507



52.5192, 25.6640, 66.1892

Previews

White Background



This preview shows how the XYZ color 15.5138, 14.3918, 18.7898 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 15.5138, 14.3918, 18.7898 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 15.5138, 14.3918, 18.7898

Background



This preview shows how black text looks on a background with the XYZ color 15.5138, 14.3918, 18.7898.



This preview shows how white text looks on a background with the XYZ color 15.5138, 14.3918,

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

15.5138, 14.3918, 18.7898

Protanopia

14.1507, 14.4023, 19.8034

Deuteranopia

14.6847, 14.4062, 18.5297



Tritanopia

15.0217, 14.3334, 16.4429

Trichromacy



Original Color

15.5138, 14.3918, 18.7898

Protanomaly

14.6104, 14.3474, 19.4520

Deuteranomaly

14.9740, 14.4085, 18.5149

Tritanomaly

15.1861, 14.3992, 17.3082

Monochromacy



Original Color

15.5138, 14.3918, 18.7898

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.6029, 14.6956, 17.1058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5138, 14.3918, 18.7898 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(120, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(120, 100, 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(120, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 100, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.5138, 14.3918, 18.7898 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(120, 100, 117) }
```


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

```
.border{ border-color:rgb(120, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 100, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 100, 117);  
box-shadow:4px 4px 4px 4px rgb(120, 100,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5138, 14.3918, 18.7898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 100, 117) }
```

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

```
.background{ background-color: rgb(120,  
100, 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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