

Converting Colors

XYZ(15.3798, 17.7041, 8.8932)

Have a look what the booklet for
XYZ(15.3798, 17.7041, 8.8932)
contains.

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Color

**XYZ(15.3903, 17.7655,
8.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	767849
RGB	118, 120, 73
RGB Percent	46%, 47%, 29%
CMY	0.5373, 0.5294, 0.7137
CMYK	0.02, 0.00, 0.39, 0.53
HSL	63°, 24%, 38%
HSV	63°, 39%, 47%
XYZ	15.3903, 17.7655, 8.9213
YIQ	114.0440, 13.8950, -15.0410

Conversions

Conversions Part 2

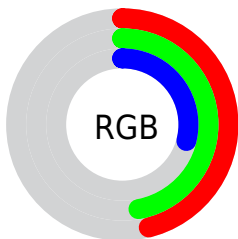
Format	Color
RYB	73, 120, 75
Decimal	7764041
CIELab	49.21, -8.55, 25.57
CIElCh	49, 26.959, 108.501
Yxy	17.7655, 0.3658, 0.4222
Android (android.graphics.Color)	4285954121 (0xFF767849)
YUV	114.0440, -20.2347, 3.4694
Hunter-Lab	42.1491, -8.5837, 16.9551

Details

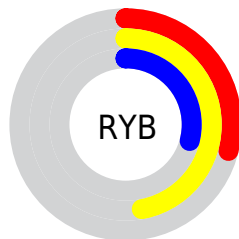
The XYZ color **15.3903, 17.7655, 8.9213** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6750, 7.6175, 18.7834**, and the grayscale version is **16.0637, 16.9002, 18.4044**.

A 20% lighter version of the original color is **35.0600, 39.5681, 24.2019**, and **4.9109, 5.9475, 1.9878** is the 20% darker color. If you saturate the color by 10%, you get **14.9612, 17.5865, 7.0211**, and if you desaturate by 10%, it is **15.8975, 17.9770, 11.2268**.

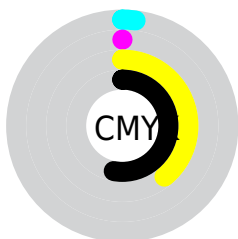
Distribution



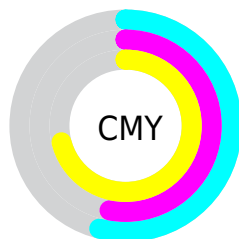
- Red (46%)
- Green (47%)
- Blue (29%)



- Red (29%)
- Yellow (47%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (39%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3903, 17.7655, 8.9213 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 15.3903, 17.7655, 8.9213 by changing the saturation by 10% instead.

■ 15.3903, 17.7655,
8.9213

■ 15.3903, 17.7655,
8.9213

219.0584,
239.5459, 192.9861

■ 9.1819, 10.7818,
4.5938

■ 35.1025, 39.6373,
24.3210

■ 4.9181, 5.9203,
1.9564

■ 49.3370, 55.2942,
36.2303

■ 2.2335, 2.7967,
0.5283

■ 66.9775, 74.6109,
51.5040

■ 0.7603, 1.0265,
0.0000

■ 88.3895, 97.9719,
70.5605

■ 0.0000, 0.0000,
0.0000

■ 113.9382,
125.7615, 93.8184

143.9890,

158.3641, 121.6963

178.9073,
196.1641, 154.6127

■ 15.3903, 17.7655,
8.9213

■ 15.3903, 17.7655,
8.9213

■ 14.9612, 17.5865,
7.0211

■ 15.8975, 17.9770,
11.2268

■ 14.6043, 17.4358,
5.5016

■ 16.4855, 18.2203,
13.9578

■ 14.3154, 17.3123,
4.3374

■ 17.1586, 18.4977,
17.1348

■ 14.0888, 17.2138,
3.4998

■ 17.9203, 18.8106,
20.7764

■ 13.9182, 17.1377,
2.9551

■ 18.7739, 19.1602,
24.9002

■ 13.7836, 17.0761,
2.5983

■ 19.7227, 19.5480,
29.5231

■ 13.7726, 17.0710,
2.5691

■ 20.7696, 19.9751,
34.6609

■ 21.9176, 20.4426,
40.3287

■ 23.1694, 20.9517,
46.5413

Harmonies

Analogous

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



17.8728, 17.7655, 8.6613



15.3903, 17.7655, 8.9213



13.5018, 17.7655, 11.5111

Triad

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



15.3903, 17.7655, 8.9213



13.8665, 17.7655, 31.7487



22.1081, 17.7655, 22.2521

Complementary

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



15.3903, 17.7655, 8.9213



8.6750, 7.6175, 18.7834

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.



20.7921, 17.7655, 30.1058



15.3903, 17.7655, 8.9213



15.9354, 17.7655, 36.4334

Square

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



15.3903, 17.7655, 8.9213



12.6845, 17.7655, 24.1035



18.4747, 17.7655, 35.7667



21.9248, 17.7655, 15.2557

Rectangle

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



15.3903, 17.7655, 8.9213



12.7565, 17.7655, 14.6792



18.4747, 17.7655, 35.7667



21.8215, 17.7655, 24.9042

Sweetspot

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



15.3907, 17.7663, 8.9217



29.7907, 32.3733, 28.3018



11.4357, 9.4481, 7.5246



7.0319, 7.6606, 6.5741



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.



15.3907, 17.7663, 8.9217



26.3834, 30.9596, 12.6563



12.6321, 16.3442, 8.7926



4.2917, 4.6257, 4.2911



15.0212, 18.6209, 2.8025



71.4646, 88.7268, 13.3594

Inverse Universe

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



8.6750, 7.6175, 18.7834



12.8105, 10.4439, 32.5938



10.8175, 8.7220, 18.8836



3.8120, 3.9009, 4.9952



3.7651, 1.5137, 19.4790



17.7769, 7.1263, 92.9084

Previews

White Background



This preview shows how the XYZ color 15.3903, 17.7655, 8.9213 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 15.3903, 17.7655, 8.9213 looks on a black 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

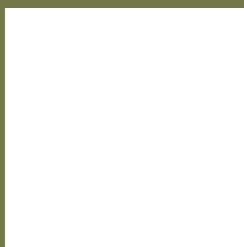
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3903, 17.7655, 8.9213

Background



This preview shows how black text looks on a background with the XYZ color 15.3903, 17.7655, 8.9213.



This preview shows how white text looks on a background with the XYZ color 15.3903, 17.7655,

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

15.3903, 17.7655, 8.9213

Protanopia

16.4331, 17.7797, 8.6966

Deuteranopia

18.0487, 17.7591, 9.1332



Tritanopia

17.9046, 17.7498, 21.2213

Trichromacy



Original Color

15.3903, 17.7655, 8.9213

Protanomaly

15.9603, 17.7098, 8.7080

Deuteranomaly

17.0396, 17.7424, 9.0051

Tritanomaly

16.8212, 17.6483, 15.8845

Monochromacy



Original Color

15.3903, 17.7655, 8.9213

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5678, 17.0365, 14.2722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3903, 17.7655, 8.9213 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, 120, 73)` looks like.

```
.text, #text, p{  
    color:rgb(118, 120, 73)  
}
```

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, 120, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 120, 73) }
```

Border

The CSS property to change the border of an element to XYZ 15.3903, 17.7655, 8.9213 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, 120, 73) }
```


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

```
.border{ border-color:rgb(118, 120, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 120, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 120, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 120, 73);  
box-shadow:4px 4px 4px 4px rgb(118, 120,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3903, 17.7655, 8.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 120, 73) }
```

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

```
.background{ background-color: rgb(118,  
120, 73) }
```

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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