

Converting Colors

XYZ(15.0241, 15.1736, 10.8843)

Have a look what the booklet for
XYZ(15.0241, 15.1736, 10.8843)
contains.

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Color

**XYZ(15.0021, 15.1909,
10.9455)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6A56
RGB	123, 106, 86
RGB Percent	48%, 42%, 34%
CMY	0.5176, 0.5843, 0.6627
CMYK	0.00, 0.14, 0.30, 0.52
HSL	32°, 18%, 41%
HSV	32°, 30%, 48%
XYZ	15.0021, 15.1909, 10.9455
YIQ	108.8030, 16.5520, -2.6160

Conversions

Conversions Part 2

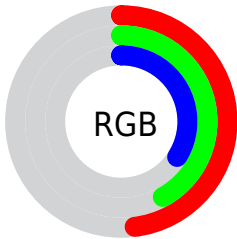
Format	Color
RYB	117, 123, 86
Decimal	8088150
CIELab	45.89, 3.43, 13.72
CIELCh	46, 14.142, 75.976
Yxy	15.1909, 0.3647, 0.3693
Android (android.graphics.Color)	4286278230 (0xFF7B6A56)
YUV	108.8030, -11.2419, 12.4508
Hunter-Lab	38.9755, 0.4995, 10.6324

Details

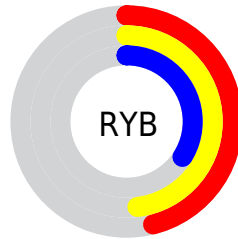
The XYZ color **15.0021, 15.1909, 10.9455** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2630, 13.1085, 20.6228**, and the grayscale version is **14.5079, 15.2634, 16.6218**.

A 20% lighter version of the original color is **34.4054, 35.1216, 28.2583**, and **4.7119, 4.7045, 2.7575** is the 20% darker color. If you saturate the color by 10%, you get **13.9854, 13.8835, 8.3685**, and if you desaturate by 10%, it is **16.1432, 16.6105, 13.9852**.

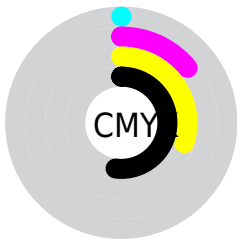
Distribution



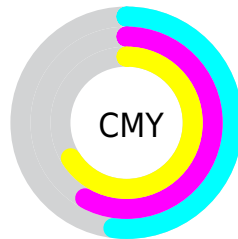
- Red (48%)
- Green (42%)
- Blue (34%)



- Red (46%)
- Yellow (48%)
- Blue (34%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0021, 15.1909, 10.9455 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 15.0021, 15.1909, 10.9455 by changing the saturation by 10% instead.

■ 15.0021, 15.1909,
10.9455

■ 15.0021, 15.1909,
10.9455

216.7671,
224.5188, 208.0173

■ 8.9072, 8.9535,
5.9165

■ 34.4285, 35.1877,
28.1945

■ 4.7373, 4.7108,
2.7264

■ 48.4907, 49.7159,
41.2515

■ 2.1271, 2.0786,
0.9567

■ 65.9393, 67.7765,
57.8216

■ 0.7039, 0.6526,
0.0000

■ 87.1398, 89.7538,
78.3233

■ 0.0000, 0.0000,
0.0000

■ 112.4575,
116.0323, 103.1752

142.2576,

146.9964, 132.7958

176.9057,
183.0304, 167.6036

■ 15.0021, 15.1909,
10.9455

■ 15.0021, 15.1909,
10.9455

■ 13.9854, 13.8835,
8.3685

■ 16.1432, 16.6105,
13.9852

■ 13.0870, 12.6831,
6.2300

■ 17.4125, 18.1434,
17.5082

■ 12.3016, 11.5870,
4.5050

■ 18.8146, 19.7931,
21.5352

■ 11.6233, 10.5915,
3.1656

■ 20.3540, 21.5625,
26.0851

■ 11.0453, 9.6925,
2.1804

■ 22.0346, 23.4541,
31.1760

■ 10.5599, 8.8858,
1.5129

■ 23.8604, 25.4706,
36.8251

■ 10.1457, 8.1656,
1.0414

■ 25.8350, 27.6145,
43.0490

■ 27.9620, 29.8881,
49.8632

■ 30.2449, 32.2939,
57.2830

Harmonies

Analogous

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



16.0937, 15.1909, 12.2482



15.0021, 15.1909, 10.9455



13.8157, 15.1909, 10.9896

Triad

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



15.0021, 15.1909, 10.9455



12.3416, 15.1909, 18.4170



16.1533, 15.1909, 21.5442

Complementary

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



15.0021, 15.1909, 10.9455



12.2630, 13.1085, 20.6228

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.



15.0797, 15.1909, 23.7019



15.0021, 15.1909, 10.9455



12.9008, 15.1909, 21.7336

Square

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



15.0021, 15.1909, 10.9455



12.3234, 15.1909, 14.9974



13.8892, 15.1909, 23.7757



16.7827, 15.1909, 18.1856

Rectangle

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



15.0021, 15.1909, 10.9455



13.1312, 15.1909, 11.7689



13.8892, 15.1909, 23.7757



15.8298, 15.1909, 22.4531

Sweetspot

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



15.0025, 15.1916, 10.9458



31.3877, 32.7359, 31.9367



13.9578, 11.8513, 14.4542



7.3225, 7.6267, 7.3243



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.0025, 15.1916, 10.9458



25.6029, 25.5893, 16.3734



16.7557, 18.9584, 11.5805



4.1610, 4.3405, 4.2430



10.4902, 8.4363, 1.0755



49.1799, 38.5233, 4.8437

Inverse Universe

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



12.2630, 13.1085, 20.6228



19.8755, 21.2354, 36.6079



10.8554, 10.1233, 20.1207



3.9352, 4.1687, 5.0404



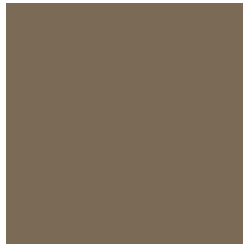
5.1814, 4.4453, 19.9702



23.8841, 19.5408, 94.9827

Previews

White Background



This preview shows how the XYZ color 15.0021, 15.1909, 10.9455 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 15.0021, 15.1909, 10.9455 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 15.0021, 15.1909, 10.9455

Background



This preview shows how black text looks on a background with the XYZ color 15.0021, 15.1909, 10.9455.



This preview shows how white text looks on a background with the XYZ color 15.0021, 15.1909,

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

15.0021, 15.1909, 10.9455

Protanopia

14.2592, 15.2702, 11.2127

Deuteranopia

15.3824, 15.0845, 10.9050



Tritanopia

16.3237, 15.2838, 17.1286

Trichromacy



Original Color

15.0021, 15.1909, 10.9455

Protanomaly

14.5541, 15.2648, 11.1961

Deuteranomaly

15.3355, 15.2107, 10.9318

Tritanomaly

15.8060, 15.2199, 14.6750

Monochromacy



Original Color

15.0021, 15.1909, 10.9455

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6510, 15.2421, 14.4818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0021, 15.1909, 10.9455 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(123, 106, 86)` looks like.

```
.text, #text, p{  
    color:rgb(123, 106, 86)  
}
```

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(123, 106, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 106, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.0021, 15.1909, 10.9455 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(123, 106, 86) }
```


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

```
.border{ border-color:rgb(123, 106, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 106, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 106, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 106, 86);  
box-shadow:4px 4px 4px 4px rgb(123, 106,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0021, 15.1909, 10.9455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 106, 86) }
```

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

```
.background{ background-color: rgb(123,  
106, 86) }
```

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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