

Converting Colors

XYZ(15.1782, 15.6027, 10.7938)

Have a look what the booklet for
XYZ(15.1782, 15.6027, 10.7938)
contains.

XYZ(15.1706, 15.5920, 10.8043)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.1706, 15.5920,
10.8043)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6C55
RGB	123, 108, 85
RGB Percent	48%, 42%, 33%
CMY	0.5176, 0.5765, 0.6667
CMYK	0.00, 0.12, 0.31, 0.52
HSL	36°, 18%, 41%
HSV	36°, 31%, 48%
XYZ	15.1706, 15.5920, 10.8043
YIQ	109.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

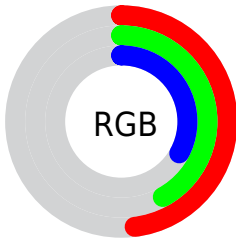
Format	Color
RYB	110, 123, 85
Decimal	8088661
CIELab	46.43, 2.11, 15.05
CIELCh	46, 15.200, 82.031
Yxy	15.5920, 0.3650, 0.3751
Android (android.graphics.Color)	4286278741 (0xFF7B6C55)
YUV	109.8630, -12.2575, 11.5211
Hunter-Lab	39.4867, -0.5229, 11.4178

Details

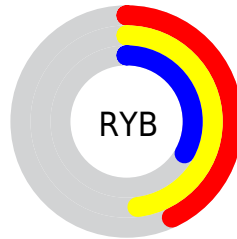
The XYZ color **15.1706, 15.5920, 10.8043** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8784, 12.4751, 20.5207**, and the grayscale version is **14.8128, 15.5842, 16.9712**.

A 20% lighter version of the original color is **34.6758, 35.7757, 27.9994**, and **4.7994, 4.9072, 2.7017** is the 20% darker color. If you saturate the color by 10%, you get **14.2262, 14.4183, 8.2847**, and if you desaturate by 10%, it is **16.2293, 16.8582, 13.7815**.

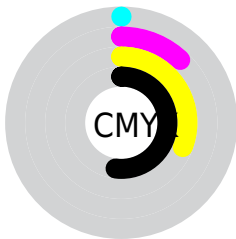
Distribution



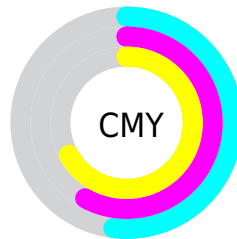
- Red (48%)
- Green (42%)
- Blue (33%)



- Red (43%)
- Yellow (48%)
- Blue (33%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1706, 15.5920, 10.8043 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 15.1706, 15.5920, 10.8043 by changing the saturation by 10% instead.

■ 15.1706, 15.5920,
10.8043

■ 15.1706, 15.5920,
10.8043

217.7645,
226.9220, 207.0090

■ 9.0263, 9.2359,
5.8229

■ 34.7214, 35.8884,
27.9288

■ 4.8156, 4.8954,
2.6706

■ 48.8586, 50.5976,
40.9090

■ 2.1731, 2.1860,
0.9286

■ 66.3908, 68.8598,
57.3925

■ 0.7285, 0.7123,
0.0000

■ 87.6834, 91.0596,
77.7979

■ 0.0000, 0.0000,
0.0000

■ 113.1017,
117.5813, 102.5437

143.0111,

148.8094, 132.0484

177.7769,
185.1281, 166.7307

■ 15.1706, 15.5920,
10.8043

■ 15.1706, 15.5920,
10.8043

■ 14.2262, 14.4183,
8.2847

■ 16.2293, 16.8582,
13.7815

■ 13.3900, 13.3322,
6.1984

■ 17.4057, 18.2171,
17.2371

■ 12.6571, 12.3316,
4.5204

■ 18.7043, 19.6721,
21.1914

■ 12.0219, 11.4133,
3.2226

■ 20.1292, 21.2253,
25.6637

■ 11.4777, 10.5741,
2.2733

■ 21.6842, 22.8789,
30.6720

■ 11.0172, 9.8101,
1.6356

■ 23.3730, 24.6350,
36.2334

■ 10.6478, 9.1699,
1.2088

■ 25.1990, 26.4958,
42.3645

■ 27.1657, 28.4632,
49.0809

■ 29.2762, 30.5390,
56.3977

Harmonies

Analogous

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



16.4190, 15.5920, 11.9152



15.1706, 15.5920, 10.8043



13.8976, 15.5920, 11.1450

Triad

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



15.1706, 15.5920, 10.8043



12.6117, 15.5920, 19.8201



16.8888, 15.5920, 21.7972

Complementary

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



15.1706, 15.5920, 10.8043



11.8784, 12.4751, 20.5207

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.



15.7818, 15.5920, 24.5544



15.1706, 15.5920, 10.8043



13.3278, 15.5920, 23.3012

Square

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



15.1706, 15.5920, 10.8043



12.4693, 15.5920, 15.9994



14.4743, 15.5920, 25.1418



17.4483, 15.5920, 17.9937

Rectangle

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



15.1706, 15.5920, 10.8043



13.2012, 15.5920, 12.1758



14.4743, 15.5920, 25.1418



16.5654, 15.5920, 22.8988

Sweetspot

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



15.1710, 15.5927, 10.8046



31.5428, 33.0461, 31.9884



13.7269, 11.6321, 13.6292



7.3636, 7.7090, 7.3380



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.



15.1710, 15.5927, 10.8046



25.9597, 26.4304, 16.0992



16.3578, 18.7578, 11.3530



4.1812, 4.3809, 4.2497



11.0098, 9.4755, 1.2487



51.6702, 43.5038, 5.6738

Inverse Universe

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



11.8784, 12.4751, 20.5207



19.0841, 19.9228, 36.3963



10.9244, 10.0412, 20.1011



3.9154, 4.1290, 5.0338



4.8098, 3.7021, 19.8464



22.1637, 16.1000, 94.4092

Previews

White Background



This preview shows how the XYZ color 15.1706, 15.5920, 10.8043 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 15.1706, 15.5920, 10.8043 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 15.1706, 15.5920, 10.8043

Background



This preview shows how black text looks on a background with the XYZ color 15.1706, 15.5920, 10.8043.



This preview shows how white text looks on a background with the XYZ color 15.1706, 15.5920,

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

15.1706, 15.5920, 10.8043

Protanopia

14.5918, 15.6057, 11.0472

Deuteranopia

15.8470, 15.6311, 10.7762



Tritanopia

16.4791, 15.5061, 17.4537

Trichromacy



Original Color

15.1706, 15.5920, 10.8043

Protanomaly

14.7561, 15.5311, 11.0242

Deuteranomaly

15.6498, 15.6833, 10.7967

Tritanomaly

15.9073, 15.4224, 14.7088

Monochromacy



Original Color

15.1706, 15.5920, 10.8043

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8878, 15.5217, 14.5232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1706, 15.5920, 10.8043 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, 108, 85)` looks like.

```
.text, #text, p{  
    color:rgb(123, 108, 85)  
}
```

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, 108, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 108, 85) }
```

Border

The CSS property to change the border of an element to XYZ 15.1706, 15.5920, 10.8043 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, 108, 85) }
```


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

```
.border{ border-color:rgb(123, 108, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 108, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 108, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 108, 85);  
box-shadow:4px 4px 4px 4px rgb(123, 108,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1706, 15.5920, 10.8043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 108, 85) }
```

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

```
.background{ background-color: rgb(123,  
108, 85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor