

Converting Colors

XYZ(15.4309, 17.6630, 5.8567)

Have a look what the booklet for
XYZ(15.4309, 17.6630, 5.8567)
contains.

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Color

**XYZ(15.3850, 17.6525,
5.8452)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7734
RGB	123, 119, 52
RGB Percent	48%, 47%, 20%
CMY	0.5176, 0.5333, 0.7961
CMYK	0.00, 0.03, 0.58, 0.52
HSL	57°, 41%, 34%
HSV	57°, 58%, 48%
XYZ	15.3850, 17.6525, 5.8452
YIQ	112.5580, 23.8910, -19.9890

Conversions

Conversions Part 2

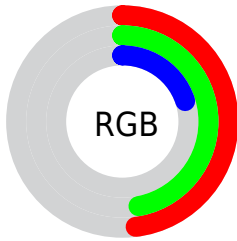
Format	Color
RYB	56, 123, 52
Decimal	8091444
CIELab	49.07, -7.99, 36.75
CIELCh	49, 37.604, 102.265
Yxy	17.6525, 0.3957, 0.4540
Android (android.graphics.Color)	4286281524 (0xFF7B7734)
YUV	112.5580, -29.8551, 9.1576
Hunter-Lab	42.0149, -8.1629, 21.1619

Details

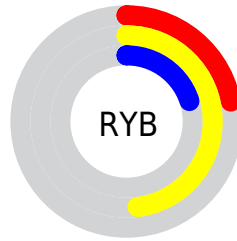
The XYZ color **15.3850, 17.6525, 5.8452** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.4055, 4.9883, 19.3640**, and the grayscale version is **15.6461, 16.4609, 17.9259**.

A 20% lighter version of the original color is **35.0433, 39.4125, 18.0723**, and **4.9367, 5.8886, 0.9339** is the 20% darker color. If you saturate the color by 10%, you get **15.0614, 17.3923, 4.5442**, and if you desaturate by 10%, it is **15.7823, 17.9444, 7.5274**.

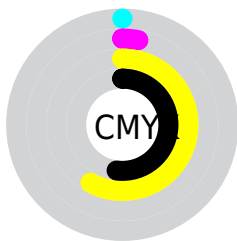
Distribution



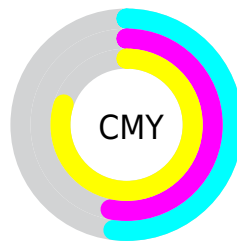
- Red (48%)
- Green (47%)
- Blue (20%)



- Red (22%)
- Yellow (48%)
- Blue (20%)



- Cyan (0%)
- Magenta (3%)
- Yellow (58%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3850, 17.6525, 5.8452 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 15.3850, 17.6525, 5.8452 by changing the saturation by 10% instead.

■ 15.3850, 17.6525,
5.8452

■ 15.3850, 17.6525,
5.8452

219.0273,
238.9050, 166.9394

■ 9.1781, 10.7008,
2.6839

■ 35.0933, 39.4443,
18.0808

■ 4.9156, 5.8660,
0.9353

■ 49.3255, 55.0532,
27.9922

■ 2.2321, 2.7638,
0.0000

■ 66.9634, 74.3166,
40.9908

■ 0.7596, 1.0097,
0.0000

■ 88.3725, 97.6189,
57.4950

■ 0.0000, 0.0000,
0.0000

■ 113.9180,
125.3445, 77.9234

■ 143.9655,

157.8777, 102.6946

178.8801,
195.6031, 132.2271

■ 15.3850, 17.6525,
5.8452

■ 15.3850, 17.6525,
5.8452

■ 15.0614, 17.3923,
4.5442

■ 15.7823, 17.9444,
7.5274

■ 14.8045, 17.1592,
3.5932

■ 16.2571, 18.2676,
9.6168

■ 14.6080, 16.9511,
2.9577

■ 16.8145, 18.6248,
12.1383

■ 14.4561, 16.7619,
2.5539

■ 17.4588, 19.0178,
15.1144

■ 14.4225, 16.7193,
2.4670

■ 18.1941, 19.4480,
18.5662

■ 19.0239, 19.9171,
22.5133

■ 19.9519, 20.4265,
26.9745

■ 20.9815, 20.9774,
31.9672

■ 22.1158, 21.5712,
37.5083

Harmonies

Analogous

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



18.9189, 17.6525, 6.0637



15.3850, 17.6525, 5.8452



12.6364, 17.6525, 8.1724

Triad

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



15.3850, 17.6525, 5.8452



12.2633, 17.6525, 35.3694



24.0615, 17.6525, 25.7291

Complementary

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



15.3850, 17.6525, 5.8452



6.4055, 4.9883, 19.3640

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.



21.7384, 17.6525, 37.3639



15.3850, 17.6525, 5.8452



14.8054, 17.6525, 44.1309

Square

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



15.3850, 17.6525, 5.8452



11.0101, 17.6525, 23.6256



18.2530, 17.6525, 44.9668



24.2741, 17.6525, 15.4002

Rectangle

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



15.3850, 17.6525, 5.8452



11.4859, 17.6525, 11.5564



18.2530, 17.6525, 44.9668



23.4880, 17.6525, 29.6906

Sweetspot

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



15.3854, 17.6533, 5.8456



31.3022, 34.0787, 27.2415



10.1283, 6.9598, 4.6459



7.3261, 7.9985, 6.2014



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.



15.3854, 17.6533, 5.8456



26.8224, 31.0163, 7.5683



12.1398, 16.7011, 5.8328



4.2894, 4.5971, 4.2858



14.9188, 17.2935, 2.5517



70.9526, 82.0687, 12.1012

Inverse Universe

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



6.4055, 4.9883, 19.3640



9.1240, 6.0663, 34.2466



8.3500, 5.7146, 19.4017



3.8141, 3.9264, 5.0000



3.7748, 1.6321, 19.5014



17.8020, 7.3766, 92.9553

Previews

White Background



This preview shows how the XYZ color 15.3850, 17.6525, 5.8452 looks on a white background.

Color Contrast Check

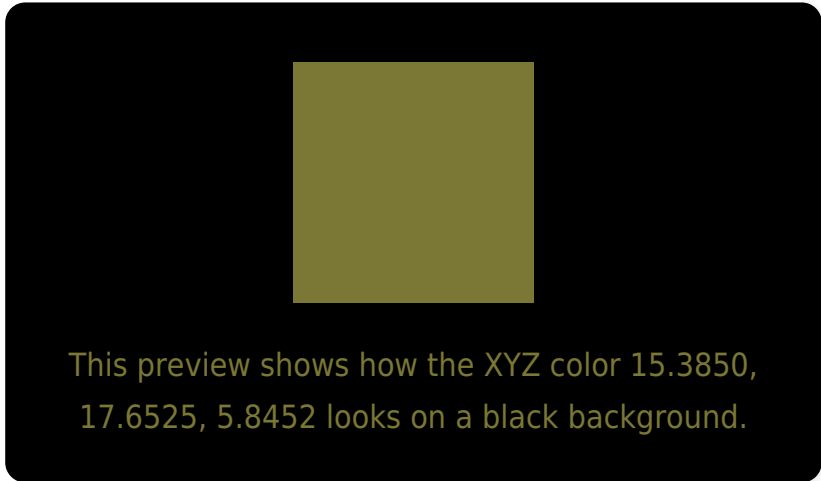
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

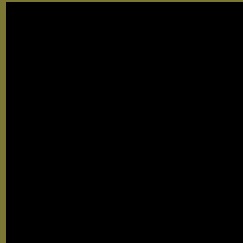
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.3850, 17.6525, 5.8452

Background



This preview shows how black text looks on a background with the XYZ color 15.3850, 17.6525, 5.8452.



This preview shows how white text looks on a background with the XYZ color 15.3850, 17.6525,

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

15.3850, 17.6525, 5.8452

Protanopia

16.1648, 17.7074, 5.6979

Deuteranopia

17.8519, 17.5645, 5.9394



Tritanopia

18.4513, 17.7146, 20.5359

Trichromacy



Original Color

15.3850, 17.6525, 5.8452

Protanomaly

15.8284, 17.7079, 5.7157

Deuteranomaly

16.8133, 17.5259, 5.8648

Tritanomaly

16.9945, 17.6180, 13.5712

Monochromacy



Original Color

15.3850, 17.6525, 5.8452

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3552, 16.7987, 12.3307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3850, 17.6525, 5.8452 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, 119, 52)` looks like.

```
.text, #text, p{  
    color:rgb(123, 119, 52)  
}
```

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, 119, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 119, 52) }
```

Border

The CSS property to change the border of an element to XYZ 15.3850, 17.6525, 5.8452 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, 119, 52) }
```


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

```
.border{ border-color:rgb(123, 119, 52) }
```

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

Here you see how a box with a 4 pixel rgb(123, 119, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 119, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 119, 52);  
box-shadow:4px 4px 4px 4px rgb(123, 119,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3850, 17.6525, 5.8452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 119, 52) }
```

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

```
.background{ background-color: rgb(123,  
119, 52) }
```

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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