

Converting Colors

XYZ(15.4190, 16.9209, 11.0477)

Have a look what the booklet for
XYZ(15.4190, 16.9209, 11.0477)
contains.

XYZ(15.3782, 16.8393, 11.0341)	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(15.3782, 16.8393,
11.0341)**

Conversions

Conversions Part 1

Format	Color
Hex	777355
RGB	119, 115, 85
RGB Percent	47%, 45%, 33%
CMY	0.5333, 0.5490, 0.6667
CMYK	0.00, 0.03, 0.29, 0.53
HSL	53°, 17%, 40%
HSV	53°, 29%, 47%
XYZ	15.3782, 16.8393, 11.0341
YIQ	112.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

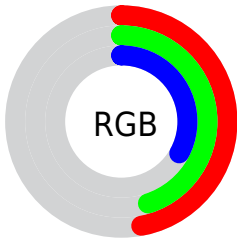
Format	Color
R_{YB}	90, 119, 85
Decimal	7828309
CIE Lab	48.06, -3.65, 17.20
CIE LCh	48, 17.583, 101.994
Yxy	16.8393, 0.3556, 0.3893
Android (android.graphics.Color)	4286018389 (0xFF777355)
YUV	112.7760, -13.6936, 5.4584
Hunter-Lab	41.0357, -4.9193, 12.7825

Details

The XYZ color **15.3782, 16.8393, 11.0341** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.6484, 10.4077, 18.9005**, and the grayscale version is **15.6668, 16.4827, 17.9497**.

A 20% lighter version of the original color is **35.2051, 38.1574, 28.4313**, and **4.8992, 5.4629, 2.7157** is the 20% darker color. If you saturate the color by 10%, you get **14.7865, 16.3499, 8.6974**, and if you desaturate by 10%, it is **16.0527, 17.3669, 13.7912**.

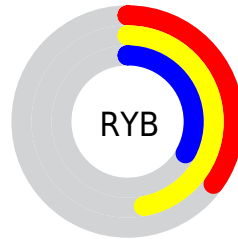
Distribution



Red (47%)

Green (45%)

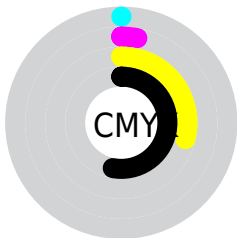
Blue (33%)



Red (35%)

Yellow (47%)

Blue (33%)

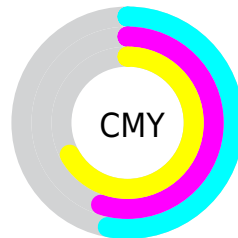


Cyan (0%)

Magenta (3%)

Yellow (29%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3782, 16.8393, 11.0341 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 15.3782, 16.8393, 11.0341 by changing the saturation by 10% instead.

■ 15.3782, 16.8393,
11.0341

■ 15.3782, 16.8393,
11.0341

218.9874,
234.2446, 208.6472

■ 9.1733, 10.1200,
5.9753

■ 35.0815, 38.0493,
28.3608

■ 4.9124, 5.4786,
2.7615

■ 49.3107, 53.3087,
41.4658

■ 2.2302, 2.5307,
0.9742

■ 66.9453, 72.1836,
58.0900

■ 0.7586, 0.8920,
0.0000

■ 88.3506, 95.0585,
78.6519

■ 0.0000, 0.0000,
0.0000

■ 113.8922,
122.3176, 103.5700

143.9353,

154.3454, 133.2629

178.8452,
191.5263, 168.1491

■ 15.3782, 16.8393,
11.0341

■ 15.3782, 16.8393,
11.0341

■ 14.7865, 16.3499,
8.6974

■ 16.0527, 17.3669,
13.7912

■ 14.2724, 15.8947,
6.7591

■ 16.8125, 17.9319,
16.9870

■ 13.8319, 15.4729,
5.1967

■ 17.6614, 18.5365,
20.6403

■ 13.4602, 15.0824,
3.9852

■ 18.6027, 19.1820,
24.7681

■ 13.1521, 14.7212,
3.0966

■ 19.6396, 19.8696,
29.3869

■ 12.9014, 14.3866,
2.4983

■ 20.7750, 20.6006,
34.5123

■ 12.6901, 14.0717,
2.0961

■ 22.0117, 21.3761,
40.1590

■ 12.6604, 14.0272,
2.0402

■ 23.3524, 22.1972,
46.3413

■ 24.7998, 23.0650,
53.0730

Harmonies

Analogous

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



16.9691, 16.8393, 11.2044



15.3782, 16.8393, 11.0341



14.0454, 16.8393, 12.5666

Triad

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



15.3782, 16.8393, 11.0341



13.8386, 16.8393, 24.8402



19.0928, 16.8393, 21.1774

Complementary

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



15.3782, 16.8393, 11.0341



10.6484, 10.4077, 18.9005

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.



18.1394, 16.8393, 25.6437



15.3782, 16.8393, 11.0341



15.0786, 16.8393, 27.9877

Square

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



15.3782, 16.8393, 11.0341



13.1968, 16.8393, 20.2158



16.6491, 16.8393, 28.3039



19.1863, 16.8393, 16.5749

Rectangle

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



15.3782, 16.8393, 11.0341



13.4546, 16.8393, 14.5230



16.6491, 16.8393, 28.3039



18.8595, 16.8393, 22.7620

Sweetspot

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



15.3786, 16.8401, 11.0345



30.0120, 32.0422, 30.0176



12.6821, 11.1494, 11.0529



7.0717, 7.5638, 6.9404



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.



15.3786, 16.8401, 11.0345



26.8548, 29.5958, 17.0406



14.2441, 16.9466, 11.1148



3.9317, 4.1963, 3.9450



13.4464, 14.8941, 2.1661



65.1185, 71.7655, 10.4200

Inverse Universe

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



10.6484, 10.4077, 18.9005



16.9736, 16.1606, 33.4778



11.5581, 10.3962, 18.8504



3.5321, 3.6529, 4.6092



3.7000, 1.7397, 18.6834



17.6884, 7.7933, 90.9323

Previews

White Background



This preview shows how the XYZ color 15.3782, 16.8393, 11.0341 looks on a white background.

Color Contrast Check

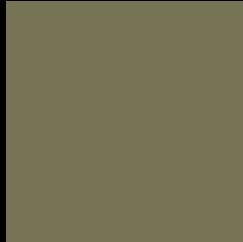
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3782, 16.8393, 11.0341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

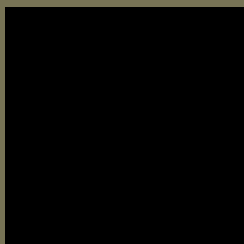
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

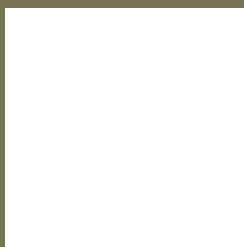
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3782, 16.8393, 11.0341

Background



This preview shows how black text looks on a background with the XYZ color 15.3782, 16.8393, 11.0341.



This preview shows how white text looks on a background with the XYZ color 15.3782, 16.8393,

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

15.3782, 16.8393, 11.0341

Protanopia

15.6830, 16.8281, 11.0159

Deuteranopia

16.9799, 16.6775, 11.1282



Tritanopia

17.1826, 16.9117, 19.8114

Trichromacy



Original Color

15.3782, 16.8393, 11.0341

Protanomaly

15.5422, 16.7555, 11.0093

Deuteranomaly

16.4174, 16.7079, 11.1638

Tritanomaly

16.4741, 16.7875, 16.2819

Monochromacy



Original Color

15.3782, 16.8393, 11.0341

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5357, 16.6587, 15.2286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3782, 16.8393, 11.0341 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(119, 115, 85)` looks like.

```
.text, #text, p{  
    color:rgb(119, 115, 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(119, 115, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 115, 85) }
```

Border

The CSS property to change the border of an element to XYZ 15.3782, 16.8393, 11.0341 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(119, 115, 85) }
```


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

```
.border{ border-color:rgb(119, 115, 85) }
```

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

Here you see how a box with a 4 pixel rgb(119, 115, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 115, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 115, 85);  
box-shadow:4px 4px 4px 4px rgb(119, 115,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3782, 16.8393, 11.0341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 115, 85) }
```

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

```
.background{ background-color: rgb(119,  
115, 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