

Converting Colors

XYZ(11.3777, 15.4596, 11.4011)

Have a look what the booklet for
XYZ(11.3777, 15.4596, 11.4011)
contains.

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Color

**XYZ(11.3777, 15.4596,
11.4011)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7757
RGB	77, 119, 87
RGB Percent	30%, 47%, 34%
CMY	0.6980, 0.5333, 0.6588
CMYK	0.35, 0.00, 0.27, 0.53
HSL	134°, 21%, 38%
HSV	134°, 35%, 47%
XYZ	11.3777, 15.4596, 11.4011
YIQ	102.7940, -14.7600, -18.8560

Conversions

Conversions Part 2

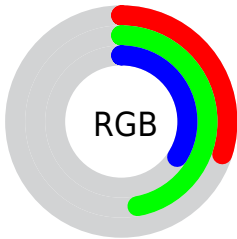
Format	Color
RYB	77, 111, 119
Decimal	5076823
CIELab	46.26, -21.93, 13.07
CIElCh	46, 25.532, 149.200
Yxy	15.4596, 0.2975, 0.4043
Android (android.graphics.Color)	4283266903 (0xFF4D7757)
YUV	102.7940, -7.7864, -22.6213
Hunter-Lab	39.3187, -17.1550, 10.3310

Details

The XYZ color **11.3777, 15.4596, 11.4011** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.0225, 10.3342, 15.7770**, and the grayscale version is **12.8607, 13.5305, 14.7347**.

A 20% lighter version of the original color is **27.8307, 35.4440, 29.0415**, and **3.0971, 4.8016, 2.8614** is the 20% darker color. If you saturate the color by 10%, you get **10.1566, 14.8707, 9.5303**, and if you desaturate by 10%, it is **12.8219, 16.1590, 13.5259**.

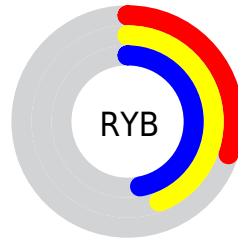
Distribution



Red (30%)

Green (47%)

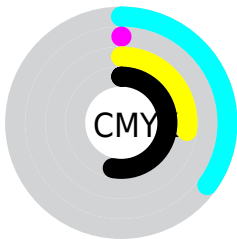
Blue (34%)



Red (30%)

Yellow (44%)

Blue (47%)

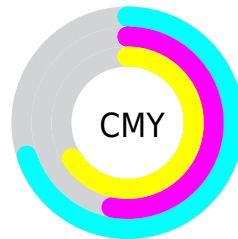


Cyan (35%)

Magenta (0%)

Yellow (27%)

Black (53%)



Cyan (70%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3777, 15.4596, 11.4011 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 11.3777, 15.4596, 11.4011 by changing the saturation by 10% instead.

■ 11.3777, 15.4596,
11.4011

■ 11.3777, 15.4596,
11.4011

194.0960,
226.1314, 211.2343

■ 6.3906, 9.1426,
6.2197

■ 27.9833, 35.6575,
29.0474

■ 3.1269, 4.8343,
2.9082

■ 40.3326, 50.3071,
42.3495

■ 1.2212, 2.1504,
1.0480

■ 55.8666, 68.5030,
59.1955

■ 0.1230, 0.6927,
0.0000

■ 74.9508, 90.6297,
80.0041

■ 0.0000, 0.0000,
0.0000

■ 97.9505, 117.0715,
105.1937

125.2310,

148.2128, 135.1829

157.1577,
184.4380, 170.3902

■ 11.3777, 15.4596,
11.4011

■ 11.3777, 15.4596,
11.4011

■ 10.1566, 14.8707,
9.5303

■ 12.8219, 16.1590,
13.5259

■ 9.1459, 14.3846,
7.9031

■ 14.4985, 16.9722,
15.9128

■ 8.3339, 13.9960,
6.5096

■ 16.4176, 17.9048,
18.5705

■ 7.7069, 13.6980,
5.3390

■ 18.5886, 18.9612,
21.5074

■ 7.2493, 13.4829,
4.3797

■ 21.0201, 20.1458,
24.7311

■ 6.9362, 13.3380,
3.6185

■ 23.7205, 21.4629,
28.2492

■ 6.8108, 13.2797,
3.3239

■ 26.6978, 22.9163,
32.0690

■ 29.9597, 24.5098,
36.1974

■ 33.5133, 26.2471,
40.6411

Harmonies

Analogous

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



12.7412, 15.4596, 8.3741



11.3777, 15.4596, 11.4011



10.8865, 15.4596, 16.6658

Triad

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



11.3777, 15.4596, 11.4011



14.6354, 15.4596, 31.9264



18.6675, 15.4596, 11.6266

Complementary

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



11.3777, 15.4596, 11.4011



13.0225, 10.3342, 15.7770

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.



19.2992, 15.4596, 17.0011



11.3777, 15.4596, 11.4011



16.8365, 15.4596, 29.6459

Square

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



11.3777, 15.4596, 11.4011



12.6492, 15.4596, 29.4020



18.5989, 15.4596, 23.7628



16.9478, 15.4596, 8.4798

Rectangle

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



11.3777, 15.4596, 11.4011



11.0783, 15.4596, 21.1002



18.5989, 15.4596, 23.7628



19.0213, 15.4596, 13.1836

Sweetspot

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



11.3781, 15.4602, 11.4014



27.2883, 31.0355, 30.3459



14.2683, 16.9942, 9.5495



6.3822, 7.3139, 7.0737



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.



11.3781, 15.4602, 11.4014



18.6406, 26.8467, 17.7735



12.3540, 15.8506, 16.5406



3.6731, 4.1112, 4.1124



7.2323, 14.1069, 3.5134



34.9569, 68.6300, 15.6103

Inverse Universe

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



13.0225, 10.3342, 15.7770



22.0313, 16.2658, 26.7876



12.0318, 9.9379, 10.5603



3.7911, 3.7437, 4.4269



10.0700, 4.9617, 10.8429



48.7268, 24.0408, 51.0179

Previews

White Background



This preview shows how the XYZ color 11.3777, 15.4596, 11.4011 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 11.3777, 15.4596, 11.4011 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 11.3777, 15.4596, 11.4011

Background



This preview shows how black text looks on a background with the XYZ color 11.3777, 15.4596, 11.4011.



This preview shows how white text looks on a background with the XYZ color 11.3777, 15.4596,

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

11.3777, 15.4596, 11.4011

Protanopia

14.3277, 15.3284, 10.1862

Deuteranopia

15.5012, 15.2770, 11.8046



Tritanopia

13.2486, 15.3495, 21.0034

Trichromacy



Original Color

11.3777, 15.4596, 11.4011

Protanomaly

12.9849, 15.2751, 10.6515

Deuteranomaly

13.5634, 15.0613, 11.6434

Tritanomaly

12.4532, 15.3659, 17.0614

Monochromacy



Original Color

11.3777, 15.4596, 11.4011

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.2424, 14.1800, 13.4010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3777, 15.4596, 11.4011 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(77, 119, 87)` looks like.

```
.text, #text, p{  
    color:rgb(77, 119, 87)  
}
```

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(77, 119, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 119, 87) }
```

Border

The CSS property to change the border of an element to XYZ 11.3777, 15.4596, 11.4011 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(77, 119, 87) }
```


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

```
.border{ border-color:rgb(77, 119, 87) }
```

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

Here you see how a box with a 4 pixel rgb(77, 119, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 119, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 119, 87);  
box-shadow:4px 4px 4px 4px rgb(77, 119,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3777, 15.4596, 11.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 119, 87) }
```

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

```
.background{ background-color: rgb(77, 119,  
87) }
```

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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