

Converting Colors

XYZ(11.3429, 15.4396, 13.7488)

Have a look what the booklet for
XYZ(11.3429, 15.4396, 13.7488)
contains.

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Color

**XYZ(11.2803, 15.3588,
13.6793)**

Conversions

Conversions Part 1

Format	Color
Hex	467761
RGB	70, 119, 97
RGB Percent	27%, 47%, 38%
CMY	0.7255, 0.5333, 0.6196
CMYK	0.41, 0.00, 0.18, 0.53
HSL	153°, 26%, 37%
HSV	153°, 41%, 47%
XYZ	11.2803, 15.3588, 13.6793
YIQ	101.8410, -22.1420, -17.2300

Conversions

Conversions Part 2

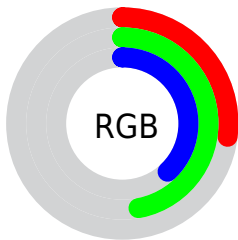
Format	Color
R_{YB}	70, 102, 119
Decimal	4618081
CIE _{Lab}	46.12, -22.05, 6.94
CIE _{LCh}	46, 23.117, 162.535
Yxy	15.3588, 0.2798, 0.3809
Android (android.graphics.Color)	4282808161 (0xFF467761)
YUV	101.8410, -2.3866, -27.9246
Hunter-Lab	39.1903, -17.2047, 6.7382

Details

The XYZ color **11.2803, 15.3588, 13.6793** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.7302, 9.0754, 11.2593**, and the grayscale version is **12.5983, 13.2544, 14.4341**.

A 20% lighter version of the original color is **27.9830, 35.7081, 33.4345**, and **3.0762, 4.7681, 3.8902** is the 20% darker color. If you saturate the color by 10%, you get **10.2648, 14.8635, 12.3749**, and if you desaturate by 10%, it is **12.4836, 15.9498, 15.0807**.

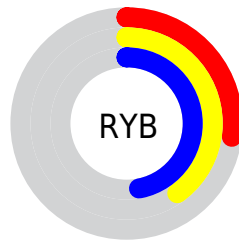
Distribution



Red (27%)

Green (47%)

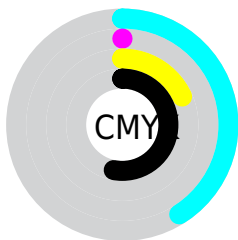
Blue (38%)



Red (27%)

Yellow (40%)

Blue (47%)

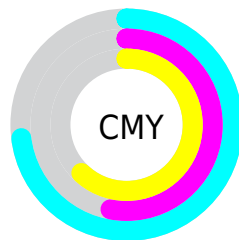


Cyan (41%)

Magenta (0%)

Yellow (18%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2803, 15.3588, 13.6793 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 11.2803, 15.3588, 13.6793 by changing the saturation by 10% instead.

■ 11.2803, 15.3588,
13.6793

■ 11.2803, 15.3588,
13.6793

193.4494,
225.5278, 226.5851

■ 6.3244, 9.0716,
7.7618

■ 27.8057, 35.4814,
33.2278

■ 3.0858, 4.7879,
3.8573

■ 40.1059, 50.0856,
47.6958

■ 1.1993, 2.1234,
1.5474

■ 55.5849, 68.2309,
65.8511

■ 0.1058, 0.6777,
0.2529

■ 74.6081, 90.3017,
88.1122

■ 0.0000, 0.0000,
0.0000

■ 97.5408, 116.6824,
114.8976

124.7483,

147.7573, 146.6258

156.5961,
183.9110, 183.7155

■ 11.2803, 15.3588,
13.6793

■ 11.2803, 15.3588,
13.6793

■ 10.2648, 14.8635,
12.3749

■ 12.4836, 15.9498,
15.0807

■ 9.4253, 14.4567,
11.1644

■ 13.8831, 16.6395,
16.5803

■ 8.7509, 14.1331,
10.0457


■ 15.4880, 17.4331,
18.1804


■ 8.2285, 13.8860,
9.0165


■ 17.3067, 18.3349,
19.8831


■ 7.8431, 13.7078,
8.0742


■ 19.3471, 19.3489,
21.6901

 7.5678, 13.5825,
7.3110

 21.6167, 20.4789,
23.6033

 24.1225, 21.7285,
25.6246

 26.8714, 23.1013,
27.7557

 29.8699, 24.6006,
29.9984

Harmonies

Analogous

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



12.1883, 15.3588, 9.9459



11.2803, 15.3588, 13.6793



11.2096, 15.3588, 19.1851

Triad

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



11.2803, 15.3588, 13.6793



15.4342, 15.3588, 29.6768



17.5651, 15.3588, 10.4189

Complementary

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



11.2803, 15.3588, 13.6793



11.7302, 9.0754, 11.2593

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.



18.6087, 15.3588, 14.4813



11.2803, 15.3588, 13.6793



17.3063, 15.3588, 26.0384

Square

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



11.2803, 15.3588, 13.6793



13.4925, 15.3588, 29.3249



18.5099, 15.3588, 20.1880



15.7625, 15.3588, 8.3746

Rectangle

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



11.2803, 15.3588, 13.6793



11.6369, 15.3588, 23.2490



18.5099, 15.3588, 20.1880



18.0233, 15.3588, 11.5493

Sweetspot

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



11.2807, 15.3594, 13.6796



27.3903, 31.0466, 32.2223



12.1215, 15.9144, 8.2275



6.4211, 7.3230, 7.5679



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.



11.2807, 15.3594, 13.6796



18.5364, 26.6912, 22.3696



12.1651, 15.2526, 19.7563



3.7172, 4.1288, 4.3445



8.0352, 14.4281, 7.7415



38.7200, 70.1353, 35.4261

Inverse Universe

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



11.7302, 9.0754, 11.2593



19.4551, 13.8676, 17.4378



11.0603, 9.0577, 6.9600



3.7459, 3.7257, 4.1889



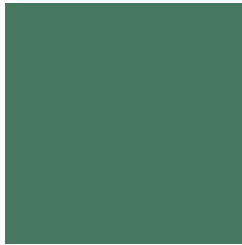
8.7714, 4.4423, 4.0042



42.3245, 21.4799, 17.3042

Previews

White Background



This preview shows how the XYZ color 11.2803, 15.3588, 13.6793 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 11.2803, 15.3588, 13.6793 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 11.2803, 15.3588, 13.6793

Background



This preview shows how black text looks on a background with the XYZ color 11.2803, 15.3588, 13.6793.



This preview shows how white text looks on a background with the XYZ color 11.2803, 15.3588,

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

11.2803, 15.3588, 13.6793

Protanopia

14.4706, 15.3548, 12.3263

Deuteranopia

15.5202, 15.2342, 14.1791



Tritanopia

12.8294, 15.2945, 21.3447

Trichromacy



Original Color

11.2803, 15.3588, 13.6793

Protanomaly

13.0711, 15.2711, 12.8484

Deuteranomaly

13.5370, 14.9958, 13.9854

Tritanomaly

12.1067, 15.1615, 18.2080

Monochromacy



Original Color

11.2803, 15.3588, 13.6793

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.8793, 13.8189, 14.0978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2803, 15.3588, 13.6793 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(70, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(70, 119, 97)  
}
```

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(70, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 119, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.2803, 15.3588, 13.6793 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(70, 119, 97) }
```


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

```
.border{ border-color:rgb(70, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(70, 119,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2803, 15.3588, 13.6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 119, 97) }
```

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

```
.background{ background-color: rgb(70, 119,  
97) }
```

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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