

Converting Colors

XYZ(11.4954, 15.6107, 15.2776)

Have a look what the booklet for
XYZ(11.4954, 15.6107, 15.2776)
contains.

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Color

**XYZ(11.4794, 15.6055,
15.2391)**

Conversions

Conversions Part 1

Format	Color
Hex	437867
RGB	67, 120, 103
RGB Percent	26%, 47%, 40%
CMY	0.7372, 0.5294, 0.5961
CMYK	0.44, 0.00, 0.14, 0.53
HSL	161°, 28%, 37%
HSV	161°, 44%, 47%
XYZ	11.4794, 15.6055, 15.2391
YIQ	102.2150, -26.1310, -16.5230

Conversions

Conversions Part 2

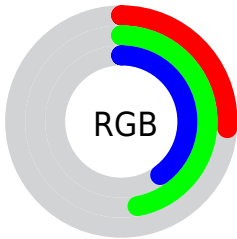
Format	Color
RYB	67, 99, 120
Decimal	4421735
CIELab	46.45, -22.04, 3.84
CIElCh	46, 22.372, 170.124
Yxy	15.6055, 0.2712, 0.3687
Android (android.graphics.Color)	4282611815 (0xFF437867)
YUV	102.2150, 0.3870, -30.8836
Hunter-Lab	39.5038, -17.2614, 4.7808

Details

The XYZ color **11.4794, 15.6055, 15.2391** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.3537, 8.6479, 9.4589**, and the grayscale version is **12.6898, 13.3507, 14.5389**.

A 20% lighter version of the original color is **28.2475, 36.0718, 36.0456**, and **3.1640, 4.8936, 4.5192** is the 20% darker color. If you saturate the color by 10%, you get **10.5518, 15.1495, 14.2104**, and if you desaturate by 10%, it is **12.5873, 16.1542, 16.3233**.

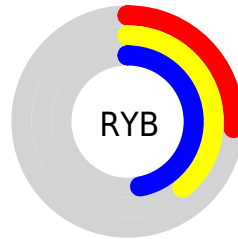
Distribution



Red (26%)

Green (47%)

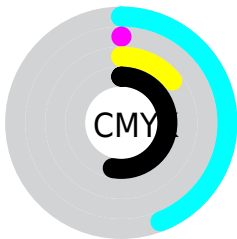
Blue (40%)



Red (26%)

Yellow (39%)

Blue (47%)

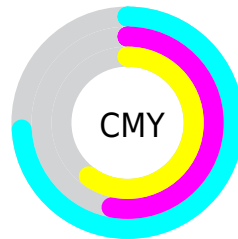


Cyan (44%)

Magenta (0%)

Yellow (14%)

Black (53%)



Cyan (74%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4794, 15.6055, 15.2391 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 11.4794, 15.6055, 15.2391 by changing the saturation by 10% instead.

■ 11.4794, 15.6055,
15.2391

■ 11.4794, 15.6055,
15.2391

194.7688,
227.0025, 236.4993

■ 6.4599, 9.2454,
8.8389

■ 28.1685, 35.9120,
36.0203

■ 3.1700, 4.9016,
4.5409

■ 40.5688, 50.6271,
51.2384

■ 1.2443, 2.1896,
1.9265

■ 56.1601, 68.8962,
70.2328

■ 0.1409, 0.7143,
0.5095

■ 75.3077, 91.1034,
93.4221

■ 0.0000, 0.0000,
0.0000

■ 98.3770, 117.6333,
121.2249

125.7334,

148.8701, 154.0597

157.7422,
185.1984, 192.3450

■ 11.4794, 15.6055,
15.2391

■ 11.4794, 15.6055,
15.2391

■ 10.5518, 15.1495,
14.2104

■ 12.5873, 16.1542,
16.3233

■ 9.7924, 14.7788,
13.2351

■ 13.8841, 16.7988,
17.4631

■ 9.1898, 14.4880,
12.3124

■ 15.3792, 17.5446,
18.6598

■ 8.7304, 14.2700,
11.4409

■ 17.0811, 18.3960,
19.9145

■ 8.3950, 14.1149,
10.6191

■ 18.9978, 19.3570,
21.2280

■ 8.2211, 14.0352,
10.1607

■ 21.1369, 20.4316,
22.6012

■ 23.5056, 21.6234,
24.0352

■ 26.1106, 22.9359,
25.5306

■ 28.9586, 24.3726,
27.0885

Harmonies

Analogous

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



12.1717, 15.6055, 11.0658



11.4794, 15.6055, 15.2391



11.6241, 15.6055, 20.9023

Triad

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



11.4794, 15.6055, 15.2391



16.1416, 15.6055, 29.0025



17.3321, 15.6055, 10.0909

Complementary

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



11.4794, 15.6055, 15.2391



11.3537, 8.6479, 9.4589

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.



18.5829, 15.6055, 13.6021



11.4794, 15.6055, 15.2391



17.8555, 15.6055, 24.7268

Square

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



11.4794, 15.6055, 15.2391



14.2073, 15.6055, 29.7075



18.7823, 15.6055, 18.8739



15.4760, 15.6055, 8.5476

Rectangle

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



11.4794, 15.6055, 15.2391



12.1807, 15.6055, 24.7718



18.7823, 15.6055, 18.8739



17.8439, 15.6055, 11.0395

Sweetspot

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



11.4798, 15.6061, 15.2395



27.2876, 30.9763, 33.0011



11.4462, 15.7546, 7.7481



6.3433, 7.2793, 7.7261



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.



11.4798, 15.6061, 15.2395



18.5384, 26.6347, 24.9693



11.4080, 13.9552, 19.8624



4.0550, 4.4916, 4.8232



8.9618, 15.3084, 11.0496



42.3475, 72.8620, 50.5953

Inverse Universe

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



11.3537, 8.6479, 9.4589



18.2918, 12.7139, 13.4336



11.3323, 9.5447, 6.5555



4.0464, 4.0343, 4.4420



8.8345, 4.5100, 2.4196



41.7925, 21.3733, 9.7034

Previews

White Background



This preview shows how the XYZ color 11.4794, 15.6055, 15.2391 looks on a white background.

Color Contrast Check

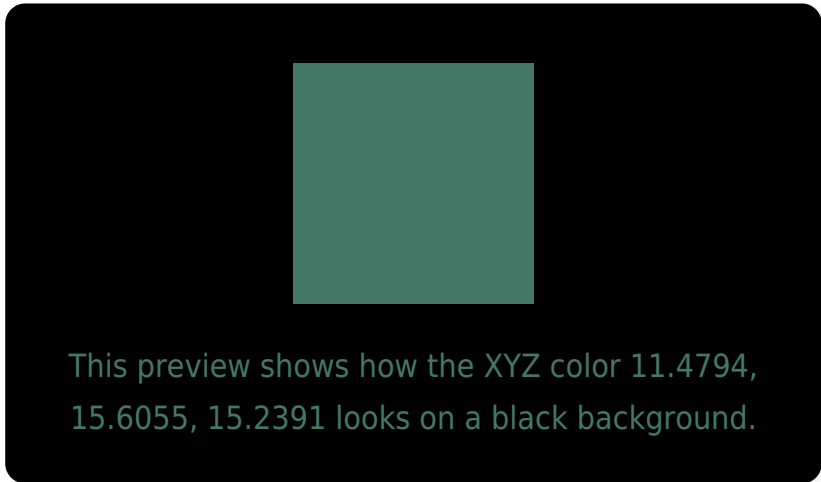
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 11.4794, 15.6055, 15.2391

Background



This preview shows how black text looks on a background with the XYZ color 11.4794, 15.6055, 15.2391.



This preview shows how white text looks on a background with the XYZ color 11.4794, 15.6055,

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

11.4794, 15.6055, 15.2391

Protanopia

14.5657, 15.3778, 13.5098

Deuteranopia

15.6407, 15.4136, 15.7864



Tritanopia

12.8748, 15.6454, 22.0800

Trichromacy



Original Color

11.4794, 15.6055, 15.2391

Protanomaly

13.0870, 15.2525, 14.0586

Deuteranomaly

13.6011, 15.1555, 15.5731

Tritanomaly

12.3470, 15.6045, 19.5007

Monochromacy



Original Color

11.4794, 15.6055, 15.2391

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.9867, 14.0204, 14.6448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4794, 15.6055, 15.2391 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(67, 120, 103)` looks like.

```
.text, #text, p{  
    color:rgb(67, 120, 103)  
}
```

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(67, 120, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 120, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.4794, 15.6055, 15.2391 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(67, 120, 103) }
```


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

```
.border{ border-color:rgb(67, 120, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 120, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 120, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 120, 103);  
box-shadow:4px 4px 4px 4px rgb(67, 120,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4794, 15.6055, 15.2391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 120, 103) }
```

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

```
.background{ background-color: rgb(67, 120,  
103) }
```

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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