

Converting Colors

XYZ(11.4071, 15.3139, 18.0303)

Have a look what the booklet for
XYZ(11.4071, 15.3139, 18.0303)
contains.

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Color

**XYZ(11.3811, 15.3157,
17.9792)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7771
RGB	59, 119, 113
RGB Percent	23%, 47%, 44%
CMY	0.7686, 0.5333, 0.5569
CMYK	0.50, 0.00, 0.05, 0.53
HSL	174°, 34%, 35%
HSV	174°, 50%, 47%
XYZ	11.3811, 15.3157, 17.9792
YIQ	100.3760, -33.8340, -14.5860

Conversions

Conversions Part 2

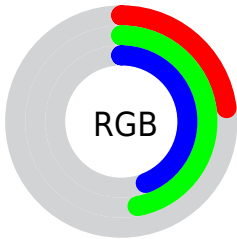
Format	Color
RYB	59, 91, 119
Decimal	3897201
CIELab	46.06, -21.07, -2.72
CIELCh	46, 21.246, 187.348
Yxy	15.3157, 0.2547, 0.3428
Android (android.graphics.Color)	4282087281 (0xFF3B7771)
YUV	100.3760, 6.2236, -36.2868
Hunter-Lab	39.1353, -16.5764, 0.1562

Details

The XYZ color **11.3811, 15.3157, 17.9792** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.1264, 7.4320, 5.9024**, and the grayscale version is **12.2003, 12.8357, 13.9781**.

A 20% lighter version of the original color is **28.0996, 35.6012, 40.9880**, and **3.1443, 4.7620, 5.7545** is the 20% darker color. If you saturate the color by 10%, you get **10.6882, 14.9666, 17.5996**, and if you desaturate by 10%, it is **12.2366, 15.7493, 18.3717**.

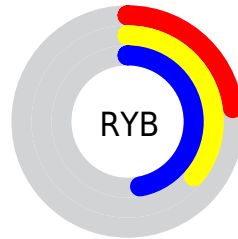
Distribution



Red (23%)

Green (47%)

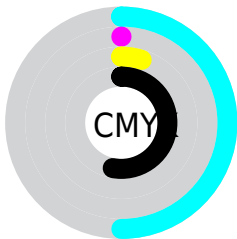
Blue (44%)



Red (23%)

Yellow (36%)

Blue (47%)

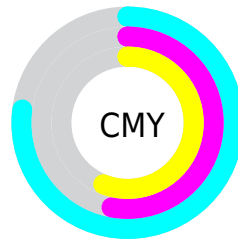


Cyan (50%)

Magenta (0%)

Yellow (5%)

Black (53%)



Cyan (77%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3811, 15.3157, 17.9792 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 11.3811, 15.3157, 17.9792 by changing the saturation by 10% instead.

■ 11.3811, 15.3157,
17.9792

■ 11.3811, 15.3157,
17.9792

194.1186,
225.2692, 252.9860

■ 6.3930, 9.0413,
10.7658

■ 27.9895, 35.4061,
40.8153

■ 3.1284, 4.7681,
5.7974

■ 40.3405, 49.9908,
57.2751

■ 1.2220, 2.1118,
2.6555

■ 55.8765, 68.1144,
77.6541

■ 0.1236, 0.6713,
0.9209

■ 74.9628, 90.1612,
102.3708

■ 0.0000, 0.0000,
0.0000

■ 97.9648, 116.5157,
131.8439

■ 125.2478,

147.5623, 166.4917

157.1773,
183.6853, 206.7329

■ 11.3811, 15.3157,
17.9792

■ 11.3811, 15.3157,
17.9792

■ 10.6882, 14.9666,
17.5996

■ 12.2366, 15.7493,
18.3717

■ 10.1455, 14.6944,
17.2312

■ 13.2635, 16.2708,
18.7765

■ 9.7409, 14.4933,
16.8738

■ 14.4714, 16.8855,
19.1944

■ 9.4600, 14.3559,
16.5268

■ 15.8688, 17.5978,
19.6258

■ 9.2562, 14.2578,
16.2016

■ 17.4638, 18.4118,
20.0711

■ 19.2639, 19.3315,
20.5307

■ 21.2763, 20.3605,
21.0049

■ 23.5077, 21.5024,
21.4941

■ 25.9648, 22.7604,
21.9985

Harmonies

Analogous

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



11.5852, 15.3157, 13.1358



11.3811, 15.3157, 17.9792



11.9703, 15.3157, 23.4572

Triad

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



11.3811, 15.3157, 17.9792



16.7642, 15.3157, 25.8845



15.9341, 15.3157, 9.0864

Complementary

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



11.3811, 15.3157, 17.9792



10.1264, 7.4320, 5.9024

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.



17.4920, 15.3157, 11.3469



11.3811, 15.3157, 17.9792



17.9982, 15.3157, 20.8016

Square

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



11.3811, 15.3157, 17.9792



15.0052, 15.3157, 28.5949



18.2750, 15.3157, 15.4377



14.1180, 15.3157, 8.6373

Rectangle

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



11.3811, 15.3157, 17.9792



12.7649, 15.3157, 26.5155



18.2750, 15.3157, 15.4377



16.5097, 15.3157, 9.6331

Sweetspot

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



11.3815, 15.3163, 17.9796



27.1305, 30.8563, 34.7567



9.6335, 14.6683, 6.4615



6.3295, 7.2616, 8.2058



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.



11.3815, 15.3163, 17.9796



18.9099, 26.6849, 31.3725



9.3168, 10.6280, 19.0138



3.7683, 4.1493, 4.6137



9.8318, 15.1467, 17.2024



47.7323, 73.7402, 82.8842

Inverse Universe

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



10.1264, 7.4320, 5.9024



16.3846, 10.7690, 7.0351



11.4150, 10.2728, 5.5192



3.6975, 3.7063, 3.9337



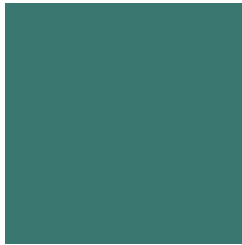
8.1507, 4.1940, 0.7356



39.5639, 20.3757, 2.7670

Previews

White Background



This preview shows how the XYZ color 11.3811, 15.3157, 17.9792 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 11.3811, 15.3157, 17.9792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

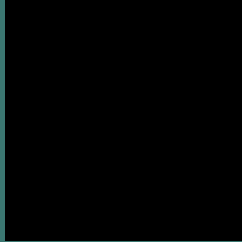
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3811, 15.3157, 17.9792

Background



This preview shows how black text looks on a background with the XYZ color 11.3811, 15.3157, 17.9792.



This preview shows how white text looks on a background with the XYZ color 11.3811, 15.3157,

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

11.3811, 15.3157, 17.9792

Protanopia

14.5719, 15.1662, 16.0693

Deuteranopia

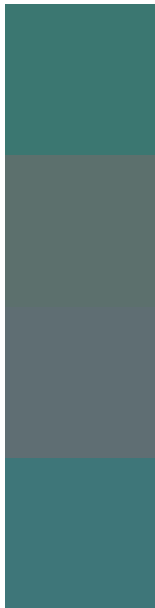
15.4064, 15.0771, 18.6212



Tritanopia

12.1771, 15.2857, 22.0473

Trichromacy



Original Color

11.3811, 15.3157, 17.9792

Protanomaly

12.9681, 14.9678, 16.6736

Deuteranomaly

13.3898, 14.8226, 18.3750

Tritanomaly

11.9162, 15.3615, 20.4262

Monochromacy



Original Color

11.3811, 15.3157, 17.9792

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.5538, 13.4666, 15.3550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3811, 15.3157, 17.9792 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(59, 119, 113)` looks like.

```
.text, #text, p{  
    color:rgb(59, 119, 113)  
}
```

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(59, 119, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 119, 113) }
```

Border

The CSS property to change the border of an element to XYZ 11.3811, 15.3157, 17.9792 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(59, 119, 113) }
```


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

```
.border{ border-color:rgb(59, 119, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 119, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(59, 119, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(59, 119, 113); box-shadow:4px 4px 4px 4px rgb(59, 119, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3811, 15.3157, 17.9792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 119, 113) }
```

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

```
.background{ background-color: rgb(59, 119,  
113) }
```

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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