

Converting Colors

XYZ(11.7302, 15.4554, 19.8177)

Have a look what the booklet for
XYZ(11.7302, 15.4554, 19.8177)
contains.

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Color

**XYZ(11.7302, 15.4554,
19.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7777
RGB	59, 119, 119
RGB Percent	23%, 47%, 47%
CMY	0.7686, 0.5333, 0.5333
CMYK	0.50, 0.00, 0.00, 0.53
HSL	180°, 34%, 35%
HSV	180°, 50%, 47%
XYZ	11.7302, 15.4554, 19.8177
YIQ	101.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

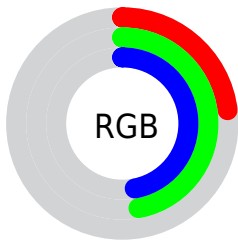
Format	Color
RYB	59, 89, 119
Decimal	3897207
CIELab	46.25, -19.39, -6.01
CIELCh	46, 20.299, 197.229
Yxy	15.4554, 0.2496, 0.3288
Android (android.graphics.Color)	4282087287 (0xFF3B7777)
YUV	101.0600, 8.8444, -36.8866
Hunter-Lab	39.3134, -15.5381, -2.3685

Details

The XYZ color **11.7302, 15.4554, 19.8177** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.9616, 7.3660, 5.0348**, and the grayscale version is **12.3700, 13.0142, 14.1724**.

A 20% lighter version of the original color is **28.4691, 35.4456, 43.8693**, and **3.3275, 4.8353, 6.7192** is the 20% darker color. If you saturate the color by 10%, you get **11.1039, 15.1329, 19.7886**, and if you desaturate by 10%, it is **12.5183, 15.8620, 19.8550**.

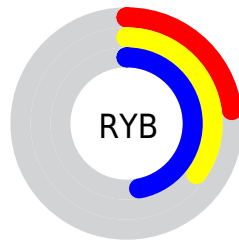
Distribution



Red (23%)

Green (47%)

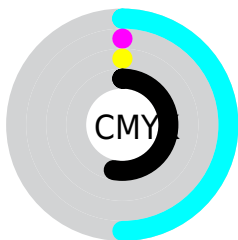
Blue (47%)



Red (23%)

Yellow (35%)

Blue (47%)

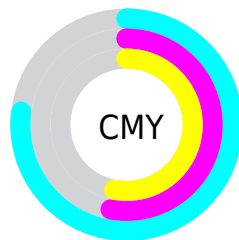


Cyan (50%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (77%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7302, 15.4554, 19.8177 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 11.7302, 15.4554, 19.8177 by changing the saturation by 10% instead.

■ 11.7302, 15.4554,
19.8177

■ 11.7302, 15.4554,
19.8177

196.4175,
226.1063, 263.4980

■ 6.6311, 9.1396,
12.0798

■ 28.6239, 35.6501,
43.9663

■ 3.2768, 4.8324,
6.6749

■ 41.1492, 50.2979,
61.2141

■ 1.3018, 2.1492,
3.1843

■ 56.8807, 68.4917,
82.4689

■ 0.1845, 0.6921,
1.1895

■ 76.1837, 90.6161,
108.1494

■ 0.0000, 0.0000,
0.0000

■ 99.4235, 117.0553,
138.6740

■ 126.9655,

148.1938, 174.4613

159.1750,
184.4160, 215.9298

■ 11.7302, 15.4554,
19.8177

■ 11.7302, 15.4554,
19.8177

■ 11.1039, 15.1329,
19.7886

■ 12.5183, 15.8620,
19.8550

■ 10.6269, 14.8870,
19.7662

■ 13.4768, 16.3562,
19.9000

■ 10.2872, 14.7119,
19.7502

■ 14.6154, 16.9431,
19.9534

■ 10.0702, 14.6000,
19.7400

■ 15.9427, 17.6274,
20.0156

■ 9.9268, 14.5261,
19.7332

■ 17.4667, 18.4130,
20.0870

■ 19.1949, 19.3039,
20.1679

■ 21.1345, 20.3038,
20.2588

■ 23.2923, 21.4162,
20.3599

■ 25.6747, 22.6444,
20.4715

Harmonies

Analogous

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



11.6725, 15.4554, 14.8048



11.7302, 15.4554, 19.8177



12.5403, 15.4554, 24.8552

Triad

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



11.7302, 15.4554, 19.8177



17.2756, 15.4554, 24.1802



15.4392, 15.4554, 9.1286

Complementary

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



11.7302, 15.4554, 19.8177



9.9616, 7.3660, 5.0348

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.



17.0721, 15.4554, 10.7475



11.7302, 15.4554, 19.8177



18.1870, 15.4554, 19.0283

Square

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



11.7302, 15.4554, 19.8177



15.6996, 15.4554, 27.6942



18.1097, 15.4554, 14.1557



13.7244, 15.4554, 9.2570

Rectangle

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



11.7302, 15.4554, 19.8177



13.4370, 15.4554, 27.2564



18.1097, 15.4554, 14.1557



16.0184, 15.4554, 9.4706

Sweetspot

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



11.7307, 15.4560, 19.8181



27.3255, 30.9343, 35.7835



9.2501, 14.4707, 6.4435



6.3808, 7.2821, 8.4759



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.



11.7307, 15.4560, 19.8181



19.6795, 26.9927, 35.4249



8.7900, 9.5745, 18.8383



3.7833, 4.1553, 4.6929



10.5463, 15.4325, 20.9645



51.3932, 75.2045, 102.1623

Inverse Universe

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



9.9616, 7.3660, 5.0348



16.1076, 10.6582, 5.5763



11.8874, 11.2177, 5.6766



3.6840, 3.7009, 3.8625



8.0828, 4.1668, 0.3784



39.3885, 20.3055, 1.8435

Previews

White Background



This preview shows how the XYZ color 11.7302, 15.4554, 19.8177 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 11.7302, 15.4554, 19.8177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

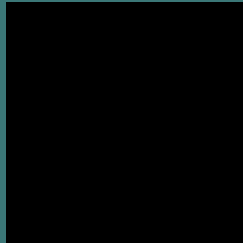
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7302, 15.4554, 19.8177

Background



This preview shows how black text looks on a background with the XYZ color 11.7302, 15.4554, 19.8177.



This preview shows how white text looks on a background with the XYZ color 11.7302, 15.4554,

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

11.7302, 15.4554, 19.8177

Protanopia

14.7736, 15.2324, 17.7843

Deuteranopia

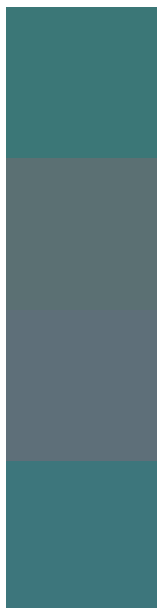
15.6063, 15.2906, 20.5412



Tritanopia

12.2958, 15.5133, 22.4250

Trichromacy



Original Color

11.7302, 15.4554, 19.8177

Protanomaly

13.2031, 15.0503, 18.4288

Deuteranomaly

13.7517, 15.1290, 20.2846

Tritanomaly

12.0410, 15.4042, 21.4075

Monochromacy



Original Color

11.7302, 15.4554, 19.8177

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.9071, 13.7863, 16.2208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7302, 15.4554, 19.8177 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, 119)` looks like.

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

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, 119) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 11.7302, 15.4554, 19.8177 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, 119) }
```


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

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

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, 119)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 11.7302, 15.4554, 19.8177 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, 119) }
```

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

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

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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