

Converting Colors

XYZ(11.5236, 15.7431, 18.8094)

Have a look what the booklet for
XYZ(11.5236, 15.7431, 18.8094)
contains.

XYZ(11.5653, 15.7479, 18.9531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.5653, 15.7479,
18.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	377974
RGB	55, 121, 116
RGB Percent	22%, 47%, 45%
CMY	0.7843, 0.5255, 0.5451
CMYK	0.55, 0.00, 0.04, 0.53
HSL	175°, 37%, 35%
HSV	175°, 55%, 47%
XYZ	11.5653, 15.7479, 18.9531
YIQ	100.6960, -37.7310, -15.5470

Conversions

Conversions Part 2

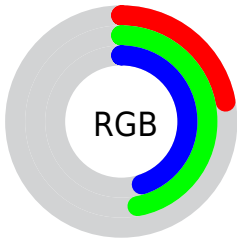
Format	Color
RYB	55, 89, 121
Decimal	3635572
CIELab	46.64, -22.24, -3.67
CIELCh	47, 22.542, 189.361
Yxy	15.7479, 0.2500, 0.3404
Android (android.graphics.Color)	4281825652 (0xFF377974)
YUV	100.6960, 7.5449, -40.0754
Hunter-Lab	39.6836, -17.4247, -0.5387




Details

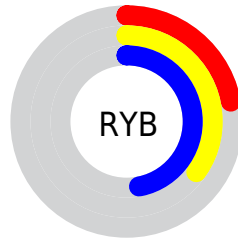
The XYZ color **11.5653, 15.7479, 18.9531** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.0675, 7.1240, 5.1200**, and the grayscale version is **12.2799, 12.9194, 14.0692**.




A 20% lighter version of the original color is **28.3883, 36.2874, 42.5537**, and **3.3608, 5.0521, 6.2669** is the 20% darker color. If you saturate the color by 10%, you get **10.9292, 15.4265, 18.6466**, and if you desaturate by 10%, it is **12.3655, 16.1546, 19.2707**.

Distribution







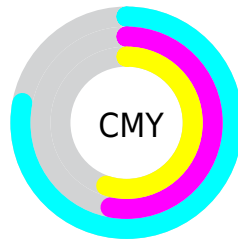
-  Red (22%)
-  Green (47%)
-  Blue (45%)






-  Red (22%)
-  Yellow (35%)
-  Blue (47%)



-  Cyan (55%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (53%)



-  Cyan (78%)
-  Magenta (53%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5653, 15.7479, 18.9531 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 11.5653, 15.7479, 18.9531 by changing the saturation by 10% instead.

■ 11.5653, 15.7479,
18.9531

■ 11.5653, 15.7479,
18.9531

■ 195.3351,
227.8495, 258.6038

■ 6.5185, 9.3459,
11.4599

■ 28.3247, 36.1600,
42.4905

■ 3.2065, 4.9675,
6.2590

■ 40.7679, 50.9389,
59.3718

■ 1.2639, 2.2282,
2.9319

■ 56.4074, 69.2789,
80.2195

■ 0.1559, 0.7353,
1.0600

■ 75.6084, 91.5645,
105.4522

■ 0.0000, 0.0000,
0.0000

■ 98.7363, 118.1799,
135.4885

■ 126.1565,

149.5096, 170.7468

158.2343,
185.9380, 211.6457

■ 11.5653, 15.7479,
18.9531

■ 11.5653, 15.7479,
18.9531

■ 10.9292, 15.4265,
18.6466

■ 12.3655, 16.1546,
19.2707

■ 10.4435, 15.1822,
18.3495

■ 13.3392, 16.6503,
19.5989

■ 10.0951, 15.0086,
18.0616

■ 14.4969, 17.2408,
19.9384

■ 9.8635, 14.8951,
17.7819

■ 15.8476, 17.9308,
20.2897

■ 9.7530, 14.8414,
17.6312

■ 17.4001, 18.7246,
20.6533

■ 19.1623, 19.6266,
21.0294

■ 21.1420, 20.6406,
21.4185

■ 23.3462, 21.7703,
21.8210

■ 25.7819, 23.0193,
22.2371

Harmonies

Analogous

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



11.7266, 15.7479, 13.6340



11.5653, 15.7479, 18.9531



12.2525, 15.7479, 24.8970

Triad

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



11.5653, 15.7479, 18.9531



17.4736, 15.7479, 26.8595



16.3286, 15.7479, 8.9341

Complementary

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



11.5653, 15.7479, 18.9531



10.0675, 7.1240, 5.1200

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.



18.0575, 15.7479, 11.1992



11.5653, 15.7479, 18.9531



18.7574, 15.7479, 21.2164

Square

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



11.5653, 15.7479, 18.9531



15.5860, 15.7479, 30.0716



18.9799, 15.7479, 15.4590



14.3664, 15.7479, 8.5851

Rectangle

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



11.5653, 15.7479, 18.9531



13.1375, 15.7479, 28.1426



18.9799, 15.7479, 15.4590



16.9609, 15.7479, 9.4688

Sweetspot

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



11.5658, 15.7485, 18.9535



27.9022, 31.8650, 36.2138



9.4213, 14.9275, 5.9995



6.2879, 7.2390, 8.2570



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.



11.5658, 15.7485, 18.9535



19.3682, 27.5217, 33.2779



8.9856, 10.1100, 19.5676



4.0946, 4.5075, 5.0319



10.4496, 15.9035, 18.8844



49.7057, 75.8053, 89.3433

Inverse Universe

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



10.0675, 7.1240, 5.1200



16.4030, 10.4038, 5.8641



11.6304, 10.4516, 5.0192



4.0095, 4.0195, 4.2477



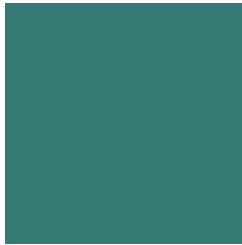
8.5020, 4.3770, 0.6686



40.4267, 20.8270, 2.5112

Previews

White Background



This preview shows how the XYZ color 11.5653, 15.7479, 18.9531 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 11.5653, 15.7479, 18.9531 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 11.5653, 15.7479, 18.9531

Background



This preview shows how black text looks on a background with the XYZ color 11.5653, 15.7479, 18.9531.



This preview shows how white text looks on a background with the XYZ color 11.5653, 15.7479,

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

11.5653, 15.7479, 18.9531

Protanopia

14.9110, 15.4861, 16.6712

Deuteranopia

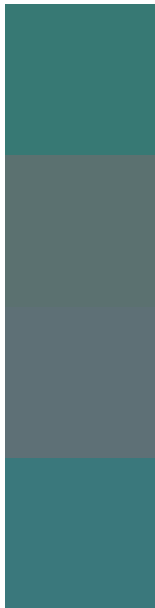
15.9236, 15.6292, 19.6302



Tritanopia

12.4228, 15.7393, 23.1521

Trichromacy



Original Color

11.5653, 15.7479, 18.9531

Protanomaly

13.1441, 15.2043, 17.5712

Deuteranomaly

13.6803, 15.2760, 19.3671

Tritanomaly

12.0995, 15.7877, 21.4784

Monochromacy



Original Color

11.5653, 15.7479, 18.9531

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.6202, 13.6505, 15.6580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5653, 15.7479, 18.9531 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(55, 121, 116)` looks like.

```
.text, #text, p{  
    color:rgb(55, 121, 116)  
}
```

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(55, 121, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 121, 116) }
```

Border

The CSS property to change the border of an element to XYZ 11.5653, 15.7479, 18.9531 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(55, 121, 116) }
```


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

```
.border{ border-color:rgb(55, 121, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 121, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 121, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 121, 116);  
box-shadow:4px 4px 4px 4px rgb(55, 121,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5653, 15.7479, 18.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 121, 116) }
```

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

```
.background{ background-color: rgb(55, 121,  
116) }
```

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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