

Converting Colors

XYZ(15.6292, 15.2687, 19.7003)

Have a look what the booklet for
XYZ(15.6292, 15.2687, 19.7003)
contains.

XYZ(15.6863, 15.3530, 19.5894)	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(15.6863, 15.3530,
19.5894)**

Conversions

Conversions Part 1

Format	Color
Hex	746A77
RGB	116, 106, 119
RGB Percent	45%, 42%, 47%
CMY	0.5451, 0.5843, 0.5333
CMYK	0.03, 0.11, 0.00, 0.53
HSL	286°, 6%, 44%
HSV	286°, 11%, 47%
XYZ	15.6863, 15.3530, 19.5894
YIQ	110.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

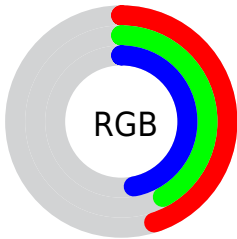
Format	Color
R_{YB}	116, 106, 119
Decimal	7629431
CIE Lab	46.11, 6.53, -5.81
CIE LCh	46, 8.741, 318.318
Yxy	15.3530, 0.3098, 0.3032
Android (android.graphics.Color)	4285819511 (0xFF746A77)
YUV	110.4720, 4.2043, 4.8481
Hunter-Lab	39.1829, 2.8898, -2.2139

Details

The XYZ color **15.6863, 15.3530, 19.5894** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5055, 17.4858, 16.1943**, and the grayscale version is **14.9450, 15.7233, 17.1227**.

A 20% lighter version of the original color is **35.5561, 35.3790, 43.4829**, and **5.0852, 4.8118, 6.6220** is the 20% darker color. If you saturate the color by 10%, you get **14.1846, 12.8833, 19.1921**, and if you desaturate by 10%, it is **17.3699, 18.1700, 20.0446**.

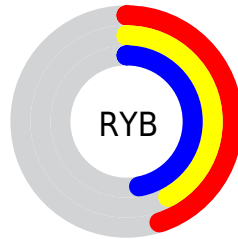
Distribution



Red (45%)

Green (42%)

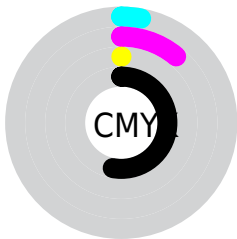
Blue (47%)



Red (45%)

Yellow (42%)

Blue (47%)

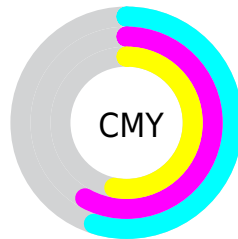


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6863, 15.3530, 19.5894 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 15.6863, 15.3530, 19.5894 by changing the saturation by 10% instead.

■ 15.6863, 15.3530,
19.5894

■ 15.6863, 15.3530,
19.5894

220.7904,
225.4930, 262.2138

■ 9.3919, 9.0675,
11.9158

■ 35.6146, 35.4713,
43.5776

■ 5.0568, 4.7852,
6.5645

■ 49.9792, 50.0728,
60.7293

■ 2.3157, 2.1218,
3.1170

■ 67.7646, 68.2152,
81.8774

■ 0.8027, 0.6769,
1.1547

■ 89.3361, 90.2828,
107.4406

■ 0.0000, 0.0000,
0.0000

115.0590,
116.6599, 137.8372

145.2989,

147.7311, 173.4860

180.4209,
183.8807, 214.8053

■ 15.6863, 15.3530,
19.5894

■ 15.6863, 15.3530,
19.5894

■ 14.1846, 12.8833,
19.1921

■ 17.3699, 18.1700,
20.0446

■ 12.8563, 10.7449,
18.8493

■ 19.2408, 21.3455,
20.5590

■ 11.6945, 8.9235,
18.5590

■ 21.3055, 24.8926,
21.1348

■ 10.6909, 7.4031,
18.3184

■ 23.5703, 28.8232,
21.7741

■ 9.8367, 6.1660,
18.1247

■ 26.0407, 33.1487,
22.4788

■ 9.1223, 5.1930,
17.9745

■ 28.7224, 37.8799,
23.2507

■ 8.5365, 4.4622,
17.8643

■ 31.6205, 43.0272,
24.0915

■ 8.0666, 3.9481,
17.7899

■ 34.7402, 48.6008,
25.0029

■ 7.6975, 3.5836,
17.7390

■ 38.0864, 54.6104,
25.9865

Harmonies

Analogous

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



15.0464, 15.3530, 20.9118



15.6863, 15.3530, 19.5894



16.0375, 15.3530, 17.5594

Triad

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



15.6863, 15.3530, 19.5894



14.8839, 15.3530, 13.0200



13.2773, 15.3530, 18.0366

Complementary

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



15.6863, 15.3530, 19.5894



15.5055, 17.4858, 16.1943

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.



13.2371, 15.3530, 15.9016



15.6863, 15.3530, 19.5894



14.1479, 15.3530, 13.1241

Square

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



15.6863, 15.3530, 19.5894



15.5639, 15.3530, 13.8422



13.5509, 15.3530, 14.1397



13.6626, 15.3530, 19.9642

Rectangle

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



15.6863, 15.3530, 19.5894



16.0530, 15.3530, 16.1316



13.5509, 15.3530, 14.1397



13.2235, 15.3530, 17.3160

Sweetspot

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



15.6868, 15.3537, 19.5897



30.4272, 31.3974, 35.7097



14.7464, 15.3412, 19.6369



7.1580, 7.3520, 8.4485



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.



15.6868, 15.3537, 19.5897



27.4135, 26.3730, 34.8987



15.8875, 15.4808, 18.5321



3.7480, 3.7174, 4.6102



8.1696, 3.8029, 18.8460



39.0365, 18.1325, 91.8028

Inverse Universe

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



15.5226, 15.3348, 16.6104



27.0665, 26.3362, 28.4658



15.3267, 17.3724, 17.1461



3.7154, 3.7134, 4.0280



8.2954, 4.2519, 1.4976



40.1438, 20.6077, 5.8208

Previews

White Background



This preview shows how the XYZ color 15.6863, 15.3530, 19.5894 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 15.6863, 15.3530, 19.5894 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 15.6863, 15.3530, 19.5894

Background



This preview shows how black text looks on a background with the XYZ color 15.6863, 15.3530, 19.5894.



This preview shows how white text looks on a background with the XYZ color 15.6863, 15.3530,

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

15.6863, 15.3530, 19.5894

Protanopia

15.1042, 15.5059, 20.2860

Deuteranopia

15.5540, 15.2848, 19.5832



Tritanopia

15.4224, 15.3980, 18.3789

Trichromacy



Original Color

15.6863, 15.3530, 19.5894

Protanomaly

15.3083, 15.4607, 19.9467

Deuteranomaly

15.5540, 15.2848, 19.5832

Tritanomaly

15.4803, 15.4212, 18.6837

Monochromacy



Original Color

15.6863, 15.3530, 19.5894

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1314, 15.5743, 17.8314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6863, 15.3530, 19.5894 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(116, 106, 119)` looks like.

```
.text, #text, p{  
    color:rgb(116, 106, 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(116, 106, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 106, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.6863, 15.3530, 19.5894 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(116, 106, 119) }
```


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

```
.border{ border-color:rgb(116, 106, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 106, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 106, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 106, 119);  
box-shadow:4px 4px 4px 4px rgb(116, 106,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6863, 15.3530, 19.5894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 106, 119) }
```

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

```
.background{ background-color: rgb(116,  
106, 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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