

Converting Colors

XYZ(11.9060, 10.7463, 16.4857)

Have a look what the booklet for
XYZ(11.9060, 10.7463, 16.4857)
contains.

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Color

**XYZ(11.9060, 10.7463,
16.4857)**

Conversions

Conversions Part 1

Format	Color
Hex	68566F
RGB	104, 86, 111
RGB Percent	41%, 34%, 44%
CMY	0.5922, 0.6627, 0.5647
CMYK	0.06, 0.23, 0.00, 0.56
HSL	283°, 13%, 39%
HSV	283°, 23%, 44%
XYZ	11.9060, 10.7463, 16.4857
YIQ	94.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

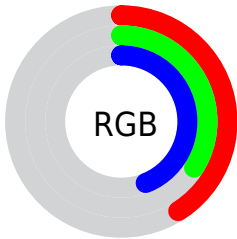
Format	Color
R_{YB}	104, 86, 111
Decimal	6837871
CIE _{Lab}	39.15, 12.46, -11.51
CIE _{LCh}	39, 16.964, 317.269
Yxy	10.7463, 0.3042, 0.2746
Android (android.graphics.Color)	4285027951 (0xFF68566F)
YUV	94.2320, 8.2666, 8.5665
Hunter-Lab	32.7815, 7.4621, -6.8696

Details

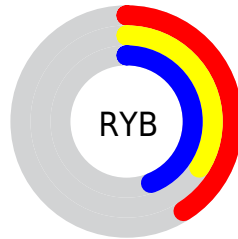
The XYZ color **11.9060, 10.7463, 16.4857** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11.8786, 14.3682, 10.9518**, and the grayscale version is **10.6751, 11.2310, 12.2306**.

A 20% lighter version of the original color is **28.9326, 27.2212, 38.3796**, and **3.3775, 2.8146, 5.0679** is the 20% darker color. If you saturate the color by 10%, you get **10.7337, 8.9271, 16.1965**, and if you desaturate by 10%, it is **13.2300, 12.8486, 16.8219**.

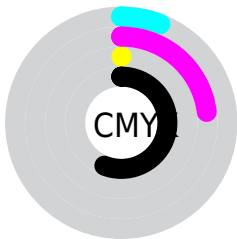
Distribution



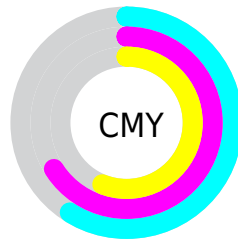
- Red (41%)
- Green (34%)
- Blue (44%)



- Red (41%)
- Yellow (34%)
- Blue (44%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9060, 10.7463, 16.4857 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 11.9060, 10.7463, 16.4857 by changing the saturation by 10% instead.

■ 11.9060, 10.7463,
16.4857

■ 11.9060, 10.7463,
16.4857

197.5646,
195.9186, 244.1337

■ 6.7514, 5.8965,
9.7104

■ 28.9421, 27.1901,
38.2178

■ 3.3521, 2.7823,
5.1043

■ 41.5544, 39.5528,
54.0118

■ 1.3426, 1.0191,
2.2488

■ 57.3833, 55.1887,
73.6490

■ 0.2147, 0.0000,
0.7023

■ 76.7942, 74.4821,
97.5481

■ 0.0000, 0.0000,
0.0000

■ 100.1524, 97.8174,
126.1276

127.8233,

125.5790, 159.8060

160.1723,
158.1513, 199.0018

■ 11.9060, 10.7463,
16.4857

■ 11.9060, 10.7463,
16.4857

■ 10.7337, 8.9271,
16.1965

■ 13.2300, 12.8486,
16.8219

■ 9.7055, 7.3770,
15.9515

■ 14.7107, 15.2445,
17.2063

■ 8.8148, 6.0825,
15.7486

■ 16.3541, 17.9457,
17.6411

■ 8.0540, 5.0288,
15.5853

■ 18.1657, 20.9629,
18.1280

■ 7.4148, 4.1992,
15.4589

■ 20.1506, 24.3063,
18.6687

6.8876, 3.5751,
15.3662

22.3137, 27.9853,
19.2648

6.4606, 3.1329,
15.3033

24.6598, 32.0094,
19.9179

6.1710, 2.8498,
15.2640

27.1935, 36.3873,
20.6293

29.9190, 41.1278,
21.4007

Harmonies

Analogous

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



10.8771, 10.7463, 18.7580



11.9060, 10.7463, 16.4857



12.4990, 10.7463, 13.1360

Triad

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



11.9060, 10.7463, 16.4857



10.7035, 10.7463, 6.5935



8.2649, 10.7463, 13.6603

Complementary

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



11.9060, 10.7463, 16.4857



11.8786, 14.3682, 10.9518

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.



8.2261, 10.7463, 10.3743



11.9060, 10.7463, 16.4857



9.5785, 10.7463, 6.6815

Square

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



11.9060, 10.7463, 16.4857



11.7709, 10.7463, 7.6771



8.6905, 10.7463, 7.9450



8.8009, 10.7463, 16.9304

Rectangle

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



11.9060, 10.7463, 16.4857



12.5404, 10.7463, 10.9262



8.6905, 10.7463, 7.9450



8.1948, 10.7463, 12.5114

Sweetspot

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



11.9063, 10.7468, 16.4859



25.0679, 25.2273, 30.4779



10.6290, 10.9699, 16.5963



5.9980, 6.0211, 7.3158



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.9063, 10.7468, 16.4859



20.1922, 17.4831, 29.2401



12.4635, 11.0674, 15.0019



3.4278, 3.4088, 4.2315



7.2460, 3.3449, 17.9853



35.2249, 16.2135, 89.5521

Inverse Universe

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



11.8594, 10.8258, 11.8207



20.1201, 17.6680, 19.2082



11.4289, 14.1101, 12.1136



3.4193, 3.4154, 3.7350



8.0073, 4.0953, 1.8484



39.5634, 20.2707, 7.4989

Previews

White Background



This preview shows how the XYZ color 11.9060, 10.7463, 16.4857 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 11.9060, 10.7463, 16.4857 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 11.9060, 10.7463, 16.4857

Background



This preview shows how black text looks on a background with the XYZ color 11.9060, 10.7463, 16.4857.



This preview shows how white text looks on a background with the XYZ color 11.9060, 10.7463,

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

11.9060, 10.7463, 16.4857

Protanopia

10.7661, 10.7462, 17.7264

Deuteranopia

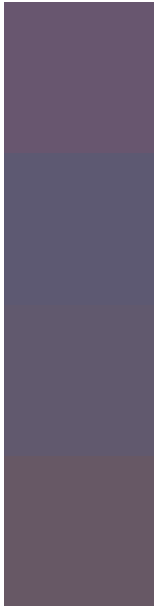
10.9848, 10.7653, 16.2508



Tritanopia

11.1632, 10.8141, 12.5653

Trichromacy



Original Color

11.9060, 10.7463, 16.4857

Protanomaly

11.1238, 10.6868, 17.3961

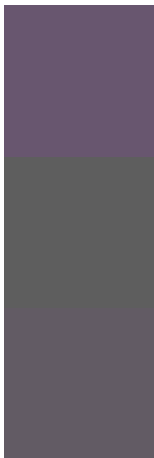
Deuteranomaly

11.3166, 10.8119, 16.2423

Tritanomaly

11.4322, 10.8026, 13.7945

Monochromacy



Original Color

11.9060, 10.7463, 16.4857

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.0783, 10.9989, 13.5957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9060, 10.7463, 16.4857 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(104, 86, 111)` looks like.

```
.text, #text, p{  
    color:rgb(104, 86, 111)  
}
```

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(104, 86, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 86, 111) }
```

Border

The CSS property to change the border of an element to XYZ 11.9060, 10.7463, 16.4857 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(104, 86, 111) }
```


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

```
.border{ border-color:rgb(104, 86, 111) }
```

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

Here you see how a box with a 4 pixel rgb(104, 86, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 86, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 86, 111);  
box-shadow:4px 4px 4px 4px rgb(104, 86,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9060, 10.7463, 16.4857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 86, 111) }
```

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

```
.background{ background-color: rgb(104, 86,  
111) }
```

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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