

Converting Colors

YUV(103.6980, 11.4879, 2.0189)

Have a look what the booklet for
YUV(103.6980, 11.4879, 2.0189)
contains.

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Color

**YUV(103.6980, 11.4879,
2.0189)**

Conversions

Conversions Part 1

Format	Color
Hex	6A627F
RGB	106, 98, 127
RGB Percent	42%, 38%, 50%
CMY	0.5843, 0.6157, 0.5020
CMYK	0.17, 0.23, 0.00, 0.50
HSL	257°, 13%, 44%
HSV	257°, 23%, 50%
XYZ	14.1423, 13.3318, 21.9066
YIQ	103.6980, -4.5410, 10.7150

Conversions

Conversions Part 2

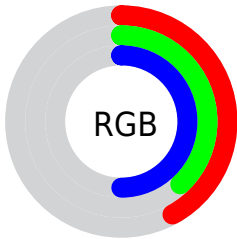
Format	Color
R_{YB}	106, 98, 127
Decimal	6972031
CIE Lab	43.26, 9.52, -15.02
CIE LCh	43, 17.786, 302.372
Yxy	13.3318, 0.2864, 0.2700
Android (android.graphics.Color)	4285162111 (0xFF6A627F)
YUV	103.6980, 11.4879, 2.0189
Hunter-Lab	36.5128, 5.2401, -10.0133

Details

The YUV color **103.6980, 11.4879, 2.0189** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121.3020, -11.4879, -2.0189**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2250, 12.2141, 2.4337**, and **56.7580, 10.4723, 1.0892** is the 20% darker color. If you saturate the color by 10%, you get **93.3760, 16.5766, 3.1782**, and if you desaturate by 10%, it is **114.0200, 6.3991, 0.8595**.

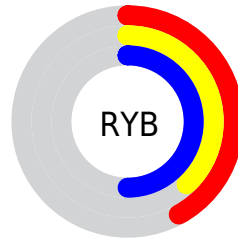
Distribution



Red (42%)

Green (38%)

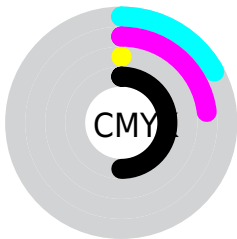
Blue (50%)



Red (42%)

Yellow (38%)

Blue (50%)

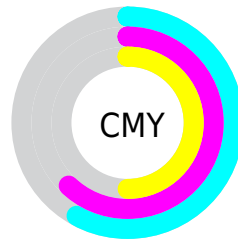


Cyan (17%)

Magenta (23%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6980, 11.4879, 2.0189 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 YUV color 103.6980, 11.4879, 2.0189 by changing the saturation by 10% instead.

■ 103.6980, 11.4879,
2.0189

■ 103.6980, 11.4879,
2.0189

■ 255.0000, 0.0000,
0.0000

■ 79.5840, 11.0511,
2.1188

■ 155.2250, 12.2141,
2.4337

■ 56.7580, 10.4723,
1.0892

■ 181.6380, 12.5035,
2.9485

■ 34.6440, 10.0355,
1.1892

■ 209.4530, 13.0877,
2.2337

■ 12.4810, 10.6089,
3.9632

■ 236.7260, 9.0091,
3.7483

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 103.6980, 11.4879,
2.0189

■ 103.6980, 11.4879,
2.0189

■ 93.3760, 16.5766,
3.1782

■ 114.0200, 6.3991,
0.8595

■ 83.6410, 21.3760,
3.8228

■ 123.7550, 1.5998,
0.2149

■ 73.0200, 26.6121,
4.3675

■ 134.3760, -3.6364,
-0.3298

■ 62.6980, 31.7009,
5.5269

■ 144.6980, -8.7251,
-1.4891

■ 52.9630, 36.5002,
6.1714

■ 155.0200,
-13.8139, -2.6485

■ 42.6410, 41.5890,
7.3308

■ 164.7550,
-18.6132, -3.2931

■ 32.3190, 46.6777,
8.4902


■ 175.0770,
-23.7020, -4.4525

■ 24.9430, 50.3141,

■ 185.6980,

8.8200

-28.9381, -4.9971

 195.4330,
-33.7375, -5.6417

Harmonies

Analogous

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



101.1090, 14.7363, -13.2506



103.6980, 11.4879, 2.0189



104.8800, 5.4822, 15.0142

Triad

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



103.6980, 11.4879, 2.0189



102.7930, -12.7159, 18.5985



95.4480, 3.7231, -27.5799

Complementary

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



103.6980, 11.4879, 2.0189



121.3020, -11.4879, -2.0189

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.



97.6360, -4.7505, -16.3438



103.6980, 11.4879, 2.0189



101.6840, -14.1412, 9.0471

Square

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



103.6980, 11.4879, 2.0189



103.6780, -8.2223, 23.9614



99.7040, -11.1931, -3.2484



95.2500, 10.7227, -32.6683

Rectangle

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



103.6980, 11.4879, 2.0189



104.7730, 1.0979, 21.2471



99.7040, -11.1931, -3.2484



96.3730, 0.8021, -24.0061

Sweetspot

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



103.6980, 11.4879, 2.0189



156.2650, 4.7994, 0.6446



113.6330, 6.5899, -13.7101



78.3960, 2.7628, 0.5297



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



103.6980, 11.4879, 2.0189



129.7180, 17.8870, 2.8783



107.8840, 9.4242, 10.6257



58.3960, 2.7628, 0.5297



25.0570, 50.7509, 8.7200



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.0650, 4.8980, 15.7290



138.1030, 7.3442, 24.4657



117.1160, -9.4242, -10.6257



59.6630, 1.1521, 3.8035



48.7600, 21.3173, 69.4935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.6980, 11.4879, 2.0189 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 YUV color 103.6980, 11.4879, 2.0189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

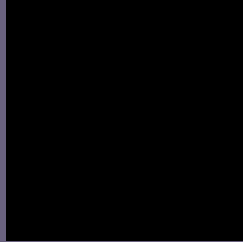
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6980, 11.4879, 2.0189

Background



This preview shows how black text looks on a background with the YUV color 103.6980, 11.4879, 2.0189.



This preview shows how white text looks on a background with the YUV color 103.6980, 11.4879,

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

103.6980, 11.4879, 2.0189

Protanopia

102.3980, 13.1148, -6.4880

Deuteranopia

103.0780, 11.7935, -2.6994



Tritanopia

102.5100, 3.1996, 0.4297

Trichromacy



Original Color

103.6980, 11.4879, 2.0189

Protanomaly

102.8930, 12.3778, -3.4142

Deuteranomaly

103.0890, 11.7881, -0.9551

Tritanomaly

103.0200, 6.3991, 0.8595

Monochromacy



Original Color

103.6980, 11.4879, 2.0189

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0370, 3.9258, 0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6980, 11.4879, 2.0189 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(106, 98, 127)` looks like.

```
.text, #text, p{  
    color:rgb(106, 98, 127)  
}
```

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(106, 98, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 98, 127) }
```

Border

The CSS property to change the border of an element to YUV 103.6980, 11.4879, 2.0189 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(106, 98, 127) }
```


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

```
.border{ border-color:rgb(106, 98, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 98, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 98, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 98, 127); box-shadow:4px 4px 4px 4px rgb(106, 98, 127) }
```

Background

The CSS property to change the background color of an element to YUV 103.6980, 11.4879, 2.0189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 98, 127) }
```

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

```
.background{ background-color: rgb(106, 98,  
127) }
```

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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