

Converting Colors

YUV(111.7400, 10.9742,
-19.9430)

Have a look what the booklet for
YUV(111.7400, 10.9742, -19.9430)
contains.

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Color

**YUV(111.7400, 10.9742,
-19.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	597786
RGB	89, 119, 134
RGB Percent	35%, 47%, 53%
CMY	0.6510, 0.5333, 0.4745
CMYK	0.34, 0.11, 0.00, 0.47
HSL	200°, 20%, 44%
HSV	200°, 34%, 53%
XYZ	15.0197, 17.0387, 25.0514
YIQ	111.7400, -22.6950, -1.6950

Conversions

Conversions Part 2

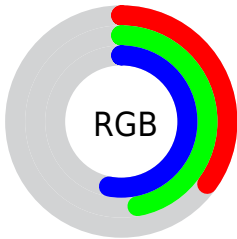
Format	Color
R_{YB}	89, 107, 134
Decimal	5863302
CIE _{Lab}	48.31, -6.87, -11.67
CIE _{LCh}	48, 13.548, 239.514
Yxy	17.0387, 0.2630, 0.2983
Android (android.graphics.Color)	4284053382 (0xFF597786)
YUV	111.7400, 10.9742, -19.9430
Hunter-Lab	41.2780, -7.2861, -7.0882

Details

The YUV color **111.7400, 10.9742, -19.9430** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111.2600, -10.9742, 19.9430**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5550, 11.5584, -20.6577**, and **63.5120, 10.1006, -19.7430** is the 20% darker color. If you saturate the color by 10%, you get **105.5050, 14.0480, -25.8759**, and if you desaturate by 10%, it is **117.9750, 7.9003, -14.0101**.

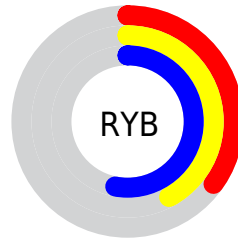
Distribution



Red (35%)

Green (47%)

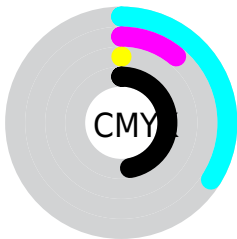
Blue (53%)



Red (35%)

Yellow (42%)

Blue (53%)

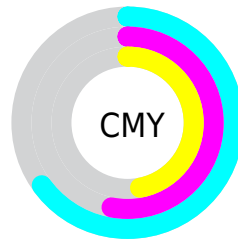


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (47%)



Cyan (65%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7400, 10.9742, -19.9430 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 111.7400, 10.9742, -19.9430 by changing the saturation by 10% instead.

■ 111.7400, 10.9742,
-19.9430

■ 111.7400, 10.9742,
-19.9430

■ 255.0000, 0.0000,
0.0000

■ 86.7400, 10.9742,
-19.9430

■ 163.5550, 11.5584,
-20.6577

■ 63.5120, 10.1006,
-19.7430

■ 190.6690, 11.9952,
-20.7577

■ 39.9140, 10.3954,
-20.9726

■ 218.6690, 11.9952,
-20.7577

■ 20.8820, 8.9322,
-18.3135

■ 245.4320, 4.7170,
-19.6729

■ 2.7530, 8.0098,
-2.4144

■ 254.1030, 0.4422,
-1.8443

■ 0.0000, 0.0000,
0.0000

■ 111.7400, 10.9742,
-19.9430

■ 111.7400, 10.9742,
-19.9430

■ 105.5050, 14.0480,
-25.8759

■ 117.9750, 7.9003,
-14.0101

■ 98.3840, 17.5587,
-31.9088

■ 125.0960, 4.3897,
-7.9772

■ 92.1490, 20.6325,
-37.8417

■ 131.3310, 1.3158,
-2.0443

■ 85.0280, 24.1432,
-43.8746

■ 138.4520, -2.1948,
3.9886

■ 78.7930, 27.2171,
-49.8075

■ 144.6870, -5.2687,
9.9215

■ 71.9710, 30.5803,
-55.2256


■ 151.5090, -8.6319,
15.3396

■ 67.5190, 32.7751,
-59.2142

■ 158.0430,
-11.8532, 21.8873

■ 164.8650,

-15.2164, 27.3054

 171.3990,
-18.4377, 33.8531

Harmonies

Analogous

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



110.3930, 7.2013, -23.1467



111.7400, 10.9742, -19.9430



114.2080, 11.2365, -10.7064

Triad

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



111.7400, 10.9742, -19.9430



116.8820, -0.9278, 17.6435



112.6980, -8.7251, -1.4891

Complementary

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



111.7400, 10.9742, -19.9430



111.2600, -10.9742, 19.9430

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.



114.4820, -11.0836, 8.3473



111.7400, 10.9742, -19.9430



115.9270, -5.8800, 19.3580

Square

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



111.7400, 10.9742, -19.9430



116.3310, 4.7668, 11.1107



115.4660, -10.0897, 16.2543



111.4840, -4.1826, -11.8255

Rectangle

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



111.7400, 10.9742, -19.9430



115.3230, 10.1938, -2.9143



115.4660, -10.0897, 16.2543



113.3780, -10.0464, 2.2995

Sweetspot

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



111.7400, 10.9742, -19.9430



164.9820, 3.9529, -7.8772



117.1250, -6.4706, -24.6656



81.3630, 2.7790, -4.7034



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



111.7400, 10.9742, -19.9430



138.8680, 16.8271, -30.5792



98.8260, 17.3408, -8.6174



63.0320, 1.4632, -2.6591



65.8890, 31.6067, -57.7847



1.5160, 0.7316, -1.3295

Inverse Universe

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



105.8750, 6.4706, 24.6656



129.8750, 9.9216, 37.8206



124.7610, -17.6302, 8.1026



62.2500, 0.8628, 3.2888



48.7880, 18.8385, 71.2229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 111.7400, 10.9742, -19.9430 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 111.7400, 10.9742, -19.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

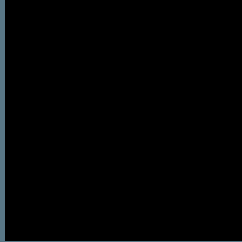
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

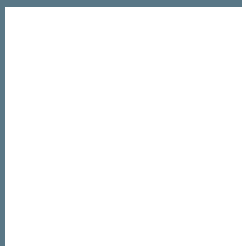
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.7400, 10.9742, -19.9430

Background



This preview shows how black text looks on a background with the YUV color 111.7400, 10.9742, -19.9430.



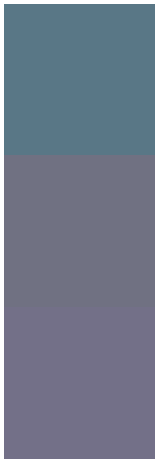
This preview shows how white text looks on a background with the YUV color 111.7400, 10.9742, -19.9430.

-19.9430.

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

111.7400, 10.9742, -19.9430

Protanopia

114.6390, 7.5730, -2.3144

Deuteranopia

115.6330, 10.0409, -0.5551



Tritanopia

111.4580, 8.6482, -20.5727

Trichromacy



Original Color

111.7400, 10.9742, -19.9430

Protanomaly

113.5350, 8.6102, -8.3622

Deuteranomaly

114.5890, 10.0626, -7.5326

Tritanomaly

111.6860, 9.5218, -20.7726

Monochromacy



Original Color

111.7400, 10.9742, -19.9430

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2810, 3.8055, -7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7400, 10.9742, -19.9430 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(89, 119, 134)` looks like.

```
.text, #text, p{  
    color:rgb(89, 119, 134)  
}
```

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(89, 119, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 119, 134) }
```

Border

The CSS property to change the border of an element to YUV 111.7400, 10.9742, -19.9430 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(89, 119, 134) }
```


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

```
.border{ border-color:rgb(89, 119, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 119, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 119, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 119, 134);  
box-shadow:4px 4px 4px 4px rgb(89, 119,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 111.7400, 10.9742, -19.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 119, 134) }
```

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

```
.background{ background-color: rgb(89, 119,  
134) }
```

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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