

# Converting Colors

YUV(74.9880, 18.2469,  
-19.2835)

Have a look what the booklet for  
YUV(74.9880, 18.2469, -19.2835)  
contains.

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# Color

**YUV(74.9880, 18.2469,  
-19.2835)**

# Conversions

## Conversions Part 1

Format	Color
Hex	354F70
RGB	53, 79, 112
RGB Percent	21%, 31%, 44%
CMY	0.7922, 0.6902, 0.5608
CMYK	0.53, 0.29, 0.00, 0.56
HSL	214°, 36%, 32%
HSV	214°, 53%, 44%
XYZ	7.1888, 7.5187, 16.4016
YIQ	74.9880, -26.0890, 4.7510

# Conversions

## Conversions Part 2

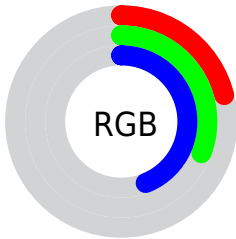
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 71, 112
Decimal	3493744
CIELab	32.96, 0.42, -22.00
CIElCh	33, 22.006, 271.087
Yxy	7.5187, 0.2311, 0.2417
Android (android.graphics.Color)	4281683824 (0xFF354F70)
YUV	74.9880, 18.2469, -19.2835
Hunter-Lab	27.4202, -1.1878, -16.2705

# Details

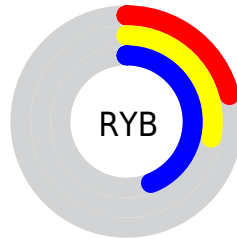
The YUV color **74.9880, 18.2469, -19.2835** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **90.0120, -18.2469, 19.2835**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9280, 19.2625, -18.3539**, and **27.8410, 17.8264, -24.4166** is the 20% darker color. If you saturate the color by 10%, you get **68.1770, 21.6047, -22.9572**, and if you desaturate by 10%, it is **81.7990, 14.8891, -15.6097**.

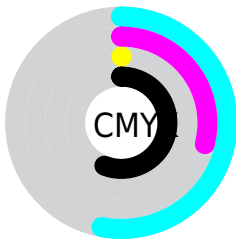
# Distribution



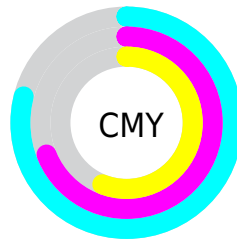
- Red (21%)
- Green (31%)
- Blue (44%)



- Red (21%)
- Yellow (28%)
- Blue (44%)



- Cyan (53%)
- Magenta (29%)
- Yellow (0%)
- Black (56%)



- Cyan (79%)
- Magenta (69%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.9880, 18.2469, -19.2835 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 74.9880, 18.2469, -19.2835 by changing the saturation by 10% instead.



■ 74.9880, 18.2469,  
-19.2835

■ 74.9880, 18.2469,  
-19.2835

■ 255.0000, 0.0000,  
0.0000

■ 50.8630, 17.8155,  
-20.9279

■ 124.9280, 19.2625,  
-18.3539

■ 27.8410, 17.8264,  
-24.4166

■ 151.0420, 19.6993,  
-18.4538

■ 12.4190, 14.5834,  
-10.8915

■ 177.8570, 20.2835,  
-19.1686

■ 2.9810, 8.8834,  
-2.6143

■ 205.3840, 21.0097,  
-18.7538

■ 0.0000, 0.0000,  
0.0000

■ 230.9900, 11.8369,  
-16.6542

■ 250.8140, 2.0637,

-8.6069

■ 74.9880, 18.2469,  
-19.2835

■ 74.9880, 18.2469,  
-19.2835

■ 68.1770, 21.6047,  
-22.9572

■ 81.7990, 14.8891,  
-15.6097

■ 60.7790, 25.2520,  
-26.1162

■ 89.1970, 11.2419,  
-12.4508

■ 53.6690, 28.7572,  
-30.4047

■ 96.3070, 7.7366,  
-8.1622

■ 46.8580, 32.1150,  
-34.0785

■ 103.1180, 4.3788,  
-4.4885

■ 41.5310, 34.7412,  
-36.4227

■ 109.9290, 1.0210,  
-0.8147

■ 117.3270, -2.6262,  
2.3442

■ 124.1380, -5.9840,  
6.0180

■ 131.2480, -9.4893,  
10.3065

■ 138.0590,  
-12.8471, 13.9803

# Harmonies

## Analogous

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



67.4860, 19.4804, -41.6452



74.9880, 18.2469, -19.2835



78.9690, 13.8193, 0.9042

# Triad

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



74.9880, 18.2469, -19.2835



78.4720, -9.1067, 27.6501



71.3860, -5.6133, -19.6325

# Complementary

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



74.9880, 18.2469, -19.2835



90.0120, -18.2469, 19.2835

# 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.



74.4220, -13.5190, -3.8781



74.9880, 18.2469, -19.2835



77.6470, -14.6160, 21.3576

# Square

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



74.9880, 18.2469, -19.2835



79.3500, -0.6655, 26.8801



76.2990, -16.9094, 10.2618



67.4360, 5.2081, -37.2164



# Rectangle

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



74.9880, 18.2469, -19.2835



79.8950, 9.4188, 12.3701



76.2990, -16.9094, 10.2618



72.3220, -8.5397, -14.3144

# Sweetspot

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



74.9880, 18.2469, -19.2835



130.4920, 7.1524, -7.4475



91.2810, -3.0965, -33.5724



65.1180, 4.3788, -4.4885



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



74.9880, 18.2469, -19.2835



87.8540, 28.1730, -29.6900



60.6230, 25.3289, -4.0544



52.4450, 1.7526, -2.1443



44.7910, 37.0780, -39.2817



92.1410, 76.3455, -80.8077



# Inverse Universe

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



73.6050, 2.6597, 33.6724



85.7690, 4.0579, 51.9456



104.3770, -25.3289, 4.0544



52.1360, 0.4260, 3.3887



41.9220, 5.4615, 68.4744

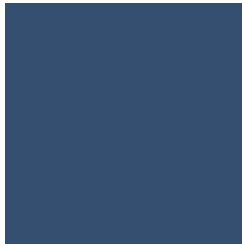


86.2790, 11.2015, 140.9523



# Previews

## White Background



This preview shows how the YUV color 74.9880, 18.2469, -19.2835 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 ✓ Pass



# Black Background



This preview shows how the YUV color 74.9880, 18.2469, -19.2835 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

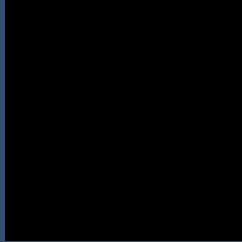
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

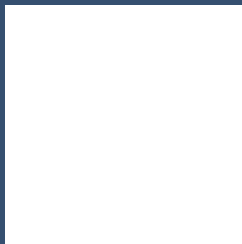
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 74.9880, 18.2469, -19.2835

## Background



This preview shows how black text looks on a background with the YUV color 74.9880, 18.2469, -19.2835.



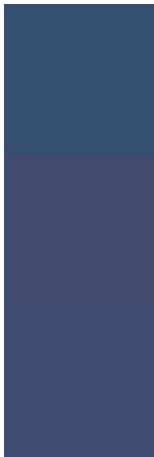
This preview shows how white text looks on a background with the YUV color 74.9880, 18.2469,

-19.2835.

# 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

74.9880, 18.2469, -19.2835

### Protanopia

77.1850, 16.1778, -8.9322

### Deuteranopia

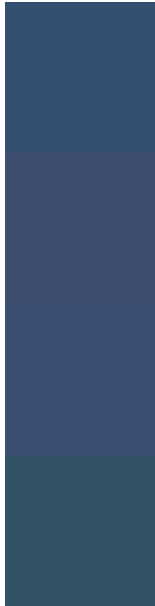
76.9180, 17.7884, -12.2061



## Tritanopia

72.4360, 8.6591, -24.0614

# Trichromacy



## Original Color

74.9880, 18.2469, -19.2835

## Protanomaly

76.3910, 17.0622, -12.6209

## Deuteranomaly

76.3090, 18.0887, -15.1800

## Tritanomaly

73.6580, 12.0006, -22.5021

# Monochromacy



## Original Color

74.9880, 18.2469, -19.2835

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

74.6770, 6.5682, -6.7327

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.9880, 18.2469, -19.2835 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(53, 79, 112)` looks like.

```
.text, #text, p{  
    color:rgb(53, 79, 112)  
}
```

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(53, 79, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 79, 112) }
```

## Border

The CSS property to change the border of an element to YUV 74.9880, 18.2469, -19.2835 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(53, 79, 112) }
```



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

```
.border{ border-color:rgb(53, 79, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 79, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 79, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 79, 112);  
box-shadow:4px 4px 4px 4px rgb(53, 79,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 74.9880, 18.2469, -19.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 79, 112) }
```

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

```
.background{ background-color: rgb(53, 79,  
112) }
```

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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