

# Converting Colors

YUV(138.3190, 19.5627,  
-21.3278)

Have a look what the booklet for  
YUV(138.3190, 19.5627, -21.3278)  
contains.

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# Color

**YUV(138.3190, 19.5627,  
-21.3278)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	728FB2
RGB	114, 143, 178
RGB Percent	45%, 56%, 70%
CMY	0.5529, 0.4392, 0.3020
CMYK	0.36, 0.20, 0.00, 0.30
HSL	213°, 29%, 57%
HSV	213°, 36%, 70%
XYZ	24.7978, 26.4367, 45.9153
YIQ	138.3190, -28.5190, 4.7370

# Conversions

## Conversions Part 2

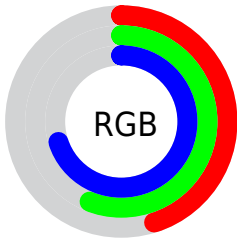
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 134, 178
Decimal	7507890
CIE <sub>Lab</sub>	58.45, -1.41, -21.62
CIE <sub>LCh</sub>	58, 21.664, 266.271
Yxy	26.4367, 0.2553, 0.2721
Android (android.graphics.Color)	4285697970 (0xFF728FB2)
YUV	138.3190, 19.5627, -21.3278
Hunter-Lab	51.4166, -3.8901, -16.9546

# Details

The YUV color **138.3190, 19.5627, -21.3278** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **153.6810, -19.5627, 21.3278**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5470, 20.4363, -21.5277**, and **87.6780, 18.3997, -21.6426** is the 20% darker color. If you saturate the color by 10%, you get **127.0670, 25.1100, -27.2458**, and if you desaturate by 10%, it is **149.5710, 14.0155, -15.4098**.

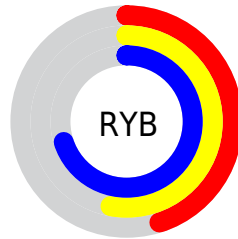
# Distribution



Red (45%)

Green (56%)

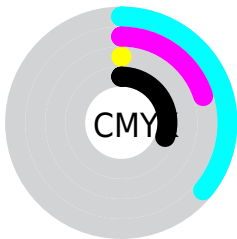
Blue (70%)



Red (45%)

Yellow (53%)

Blue (70%)

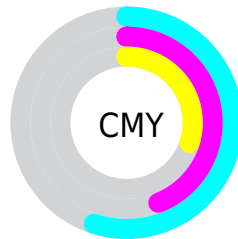


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (44%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.3190, 19.5627, -21.3278 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 138.3190, 19.5627, -21.3278 by changing the saturation by 10% instead.



■ 138.3190, 19.5627,  
-21.3278

■ 138.3190, 19.5627,  
-21.3278

■ 255.0000, 0.0000,  
0.0000

■ 112.2050, 19.1259,  
-21.2278

■ 192.5470, 20.4363,  
-21.5277

■ 87.6780, 18.3997,  
-21.6426

■ 219.4500, 17.5262,  
-21.4426

■ 62.9660, 18.2578,  
-22.7722

■ 244.5570, 5.1484,  
-18.0285

■ 38.3460, 18.5634,  
-27.4904

■ 254.4020, 0.2948,  
-1.2296

■ 21.8910, 15.3367,  
-19.1984

■ 4.8220, 13.3988,  
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,  
0.0000

■ 138.3190, 19.5627,  
-21.3278

■ 138.3190, 19.5627,  
-21.3278

■ 127.0670, 25.1100,  
-27.2458

■ 149.5710, 14.0155,  
-15.4098

■ 116.4020, 30.3678,  
-33.6786

■ 160.2360, 8.7577,  
-8.9770

■ 105.4490, 35.7676,  
-38.9818

■ 171.1890, 3.3578,  
-3.6738

■ 94.1970, 41.3149,  
-44.8998

■ 182.4410, -2.1894,  
2.2442

■ 82.9450, 46.8621,  
-50.8178

■ 193.6930, -7.7366,  
8.1622

■ 72.2800, 52.1200,  
-57.2506

■ 204.3580,  
-12.9945, 14.5950

■ 67.8390, 54.3094,  
-59.4948

■ 215.6100,  
-18.5417, 20.5130

■ 226.2640,  
-23.7942, 25.2015

■ 232.1340,  
-26.6881, 20.0535

# Harmonies

## Analogous

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



133.8780, 18.3011, -36.7270



138.3190, 19.5627, -21.3278



142.1150, 15.7193, -1.8549

# Triad

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



138.3190, 19.5627, -21.3278



142.9070, -8.8282, 31.6536



135.4140, -8.0921, -17.9031

# Complementary

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



138.3190, 19.5627, -21.3278



153.6810, -19.5627, 21.3278

# 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.



137.5750, -15.5665, -0.5043



138.3190, 19.5627, -21.3278



141.4520, -15.5058, 26.7906

# Square

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



138.3190, 19.5627, -21.3278



143.5890, 0.2026, 28.4244



139.6910, -18.0887, 15.1800



132.6600, 2.1396, -33.0278



# Rectangle

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



138.3190, 19.5627, -21.3278



143.1660, 11.7502, 11.2554



139.6910, -18.0887, 15.1800



136.3500, -11.0185, -12.5849

# Sweetspot

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



138.3190, 19.5627, -21.3278



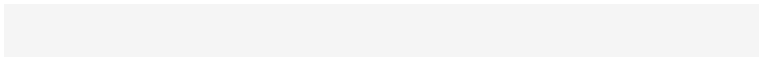
216.3070, 7.7366, -8.1622



155.4440, -3.6699, -36.3464



107.8190, 4.5262, -5.1033



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



138.3190, 19.5627, -21.3278



169.8150, 30.6572, -33.1638



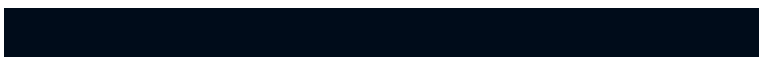
121.8940, 27.6603, -5.1690



83.3740, 2.7736, -2.9590



57.9450, 46.8621, -50.8178



10.0080, 7.8841, -8.7770



# Inverse Universe

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



136.4420, 3.2331, 36.4464



167.0300, 4.9152, 56.9787



170.1060, -27.6603, 5.1690



83.1470, 0.4205, 5.1331



53.6130, 7.5858, 87.1624

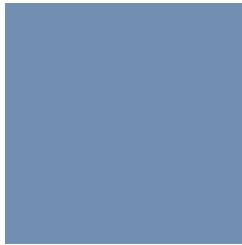


9.1420, 1.4090, 14.7845



# Previews

## White Background



This preview shows how the YUV color 138.3190, 19.5627, -21.3278 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

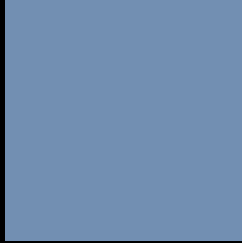
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.3190, 19.5627, -21.3278 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

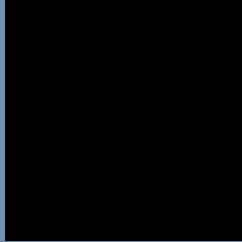
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

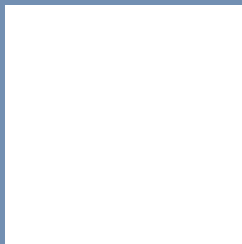
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 138.3190, 19.5627, -21.3278

## Background



This preview shows how black text looks on a background with the YUV color 138.3190, 19.5627, -21.3278.



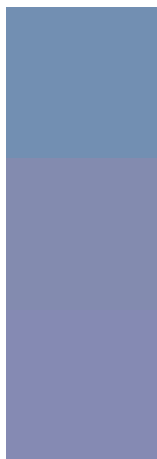
This preview shows how white text looks on a background with the YUV color 138.3190, 19.5627, -21.3278.

-21.3278.

# 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

138.3190, 19.5627, -21.3278

### Protanopia

140.7120, 16.9040, -8.5174

### Deuteranopia

141.1790, 18.6458, -7.1730



## Tritanopia

136.3050, 10.6956, -23.9465

# Trichromacy



## Original Color

138.3190, 19.5627, -21.3278

## Protanomaly

139.6190, 17.9358, -12.8209

## Deuteranomaly

140.2600, 19.0988, -12.5060

## Tritanomaly

137.1140, 13.7478, -22.9020

# Monochromacy



## Original Color

138.3190, 19.5627, -21.3278

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

138.1930, 7.2999, -8.0623

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.3190, 19.5627, -21.3278 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(114, 143, 178)` looks like.

```
.text, #text, p{  
    color:rgb(114, 143, 178)  
}
```

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(114, 143, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 143, 178) }
```

## Border

The CSS property to change the border of an element to YUV 138.3190, 19.5627, -21.3278 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(114, 143, 178) }
```



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

```
.border{ border-color:rgb(114, 143, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 143, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 143, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 143, 178);  
box-shadow:4px 4px 4px 4px rgb(114, 143,  
178) }
```

# Background

The CSS property to change the background color of an element to YUV 138.3190, 19.5627, -21.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 143, 178) }
```

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

```
.background{ background-color: rgb(114,  
143, 178) }
```

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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