

Converting Colors

YUV(138.0700, 30.5315,
-39.5264)

Have a look what the booklet for
YUV(138.0700, 30.5315, -39.5264)
contains.

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Color

**YUV(138.0700, 30.5315,
-39.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	5D95C8
RGB	93, 149, 200
RGB Percent	36%, 58%, 78%
CMY	0.6353, 0.4157, 0.2157
CMYK	0.53, 0.25, 0.00, 0.22
HSL	209°, 49%, 57%
HSV	209°, 54%, 78%
XYZ	25.6870, 27.9922, 58.6928
YIQ	138.0700, -49.7470, 3.9890

Conversions

Conversions Part 2

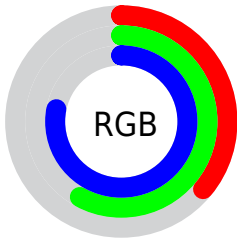
Format	Color
R_{YB}	93, 130, 200
Decimal	6133192
CIE _{Lab}	59.88, -3.81, -31.94
CIE _{LCh}	60, 32.165, 263.199
Yxy	27.9922, 0.2286, 0.2491
Android (android.graphics.Color)	4284323272 (0xFF5D95C8)
YUV	138.0700, 30.5315, -39.5264
Hunter-Lab	52.9076, -5.9255, -28.7377

Details

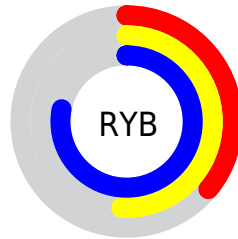
The YUV color $138.0700, 30.5315, -39.5264$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $154.9300, -30.5315, 39.5264$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.0810, 30.5261, -37.7820$, and $83.7270, 30.7006, -47.1186$ is the 20% darker color. If you saturate the color by 10%, you get $126.2200, 36.3735, -46.6739$, and if you desaturate by 10%, it is $149.9200, 24.6894, -32.3788$.

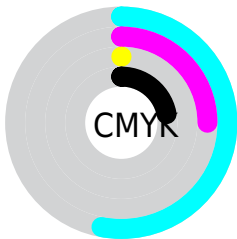
Distribution



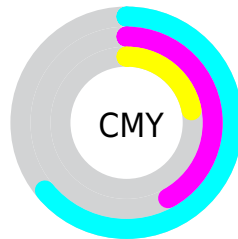
- Red (36%)
- Green (58%)
- Blue (78%)



- Red (36%)
- Yellow (51%)
- Blue (78%)



- Cyan (53%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.0700, 30.5315, -39.5264 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 138.0700, 30.5315, -39.5264 by changing the saturation by 10% instead.

■ 138.0700, 30.5315,
-39.5264

■ 138.0700, 30.5315,
-39.5264

■ 255.0000, 0.0000,
0.0000

■ 111.0590, 30.5369,
-41.2707

■ 193.0810, 30.5261,
-37.7820

■ 83.7270, 30.7006,
-47.1186

■ 217.8890, 18.2957,
-34.9827

■ 57.7050, 30.7114,
-50.6073

■ 240.6480, 7.0755,
-29.5093

■ 41.3540, 26.4475,
-36.2675

■ 249.3190, 2.8007,
-11.6808

■ 26.8780, 21.7521,
-23.5720

■ 7.8200, 19.8087,
-6.8581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 138.0700, 30.5315,
-39.5264

■ 138.0700, 30.5315,
-39.5264

■ 126.2200, 36.3735,
-46.6739

■ 149.9200, 24.6894,
-32.3788

■ 114.9570, 41.9262,
-54.3363

■ 161.1830, 19.1368,
-24.7165

■ 103.1070, 47.7682,
-61.4838

■ 173.0330, 13.2947,
-17.5689

■ 91.8440, 53.3209,
-69.1462

■ 184.2960, 7.7421,
-9.9066

■ 84.4350, 56.9735,
-74.0495

■ 196.1460, 1.9000,
-2.7590

■ 207.4090, -3.6526,
4.9033

■ 219.2590, -9.4947,
12.0509

■ 230.5220,
-15.0473, 19.7132

■ 236.9900,
-18.2361, 15.7948

Harmonies

Analogous

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



126.8720, 30.6291, -70.9247



138.0700, 30.5315, -39.5264



145.1990, 25.0449, -6.3135

Triad

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



138.0700, 30.5315, -39.5264



146.6100, -11.6397, 46.8230



136.2900, -13.4540, -24.8103

Complementary

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



138.0700, 30.5315, -39.5264



154.9300, -30.5315, 39.5264

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.



139.9960, -24.1550, 0.8805



138.0700, 30.5315, -39.5264



145.1070, -22.2378, 39.3712

Square

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



138.0700, 30.5315, -39.5264



147.8340, 2.0538, 41.3646



142.7430, -26.9883, 23.0274



130.4790, 3.2149, -51.2861

Rectangle

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



138.0700, 30.5315, -39.5264



147.7240, 18.8701, 14.2741



142.7430, -26.9883, 23.0274



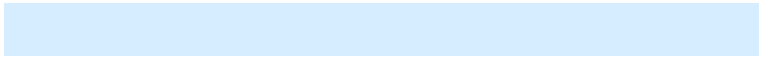
137.6070, -17.5543, -16.3183

Sweetspot

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



138.0700, 30.5315, -39.5264



231.5880, 11.5421, -15.4247



161.5090, -9.1249, -60.0824



113.4810, 7.1579, -9.1918



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



138.0700, 30.5315, -39.5264



160.4770, 46.5998, -60.0543



107.5460, 45.5798, -12.7568



93.9610, 2.4842, -3.4738



68.4770, 46.5998, -60.0543



15.2570, 10.2263, -13.3804

Inverse Universe

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



131.3770, 8.6881, 60.1824



150.4270, 13.1005, 91.7105



185.4540, -45.5798, 12.7568



93.2610, 0.8573, 5.0331



58.4270, 13.1005, 91.7105



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 138.0700, 30.5315, -39.5264 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 138.0700, 30.5315, -39.5264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

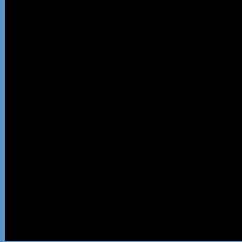
Any Text WCAG AA ✓ Pass

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 138.0700, 30.5315, -39.5264 Background



This preview shows how black text looks on a background with the YUV color 138.0700, 30.5315, -39.5264.



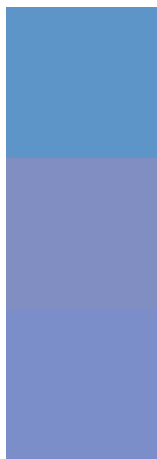
This preview shows how white text looks on a background with the YUV color 138.0700, 30.5315, -39.5264.

-39.5264.

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

138.0700, 30.5315, -39.5264

Protanopia

143.7420, 24.7772, -13.8057

Deuteranopia

143.1590, 29.0086, -17.6794



Tritanopia

134.3560, 16.5865, -46.7932

Trichromacy



Original Color

138.0700, 30.5315, -39.5264

Protanomaly

141.8440, 26.6989, -23.5422

Deuteranomaly

141.5170, 29.3251, -25.8864

Tritanomaly

135.7460, 21.8172, -44.5042

Monochromacy



Original Color

138.0700, 30.5315, -39.5264

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1860, 11.2473, -14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0700, 30.5315, -39.5264 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(93, 149, 200)` looks like.

```
.text, #text, p{  
    color:rgb(93, 149, 200)  
}
```

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(93, 149, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 149, 200) }
```

Border

The CSS property to change the border of an element to YUV 138.0700, 30.5315, -39.5264 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(93, 149, 200) }
```


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

```
.border{ border-color:rgb(93, 149, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 149, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 149, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 149, 200);  
box-shadow:4px 4px 4px 4px rgb(93, 149,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 138.0700, 30.5315, -39.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 149, 200) }
```

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

```
.background{ background-color: rgb(93, 149,  
200) }
```

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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