

Converting Colors

YUV(129.9250, 43.9140,
-38.5222)

Have a look what the booklet for
YUV(129.9250, 43.9140, -38.5222)
contains.

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Color

**YUV(129.9250, 43.9140,
-38.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	5687DB
RGB	86, 135, 219
RGB Percent	34%, 53%, 86%
CMY	0.6627, 0.4706, 0.1412
CMYK	0.61, 0.38, 0.00, 0.14
HSL	218°, 65%, 60%
HSV	218°, 61%, 86%
XYZ	25.2879, 24.4209, 70.3987
YIQ	129.9250, -56.1680, 15.7360

Conversions

Conversions Part 2

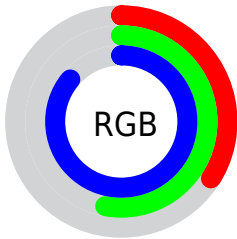
Format	Color
R _Y B	86, 122, 219
Decimal	5670875
CIE Lab	56.51, 9.06, -47.93
CIE LCh	57, 48.777, 280.699
Yxy	24.4209, 0.2105, 0.2033
Android (android.graphics.Color)	4283860955 (0xFF5687DB)
YUV	129.9250, 43.9140, -38.5222
Hunter-Lab	49.4175, 4.8615, -49.8706

Details

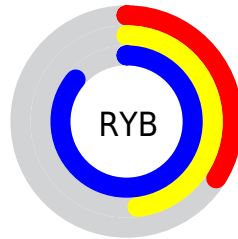
The YUV color **129.9250, 43.9140, -38.5222** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **175.0750, -43.9140, 38.5222**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0800, 35.4566, -32.5192**, and **69.0640, 46.3104, -60.5691** is the 20% darker color. If you saturate the color by 10%, you get **115.1290, 51.2084, -44.8401**, and if you desaturate by 10%, it is **144.7210, 36.6195, -32.2043**.

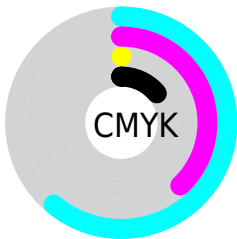
Distribution



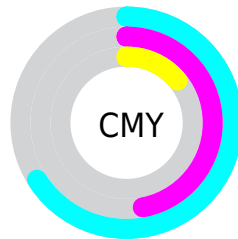
- Red (34%)
- Green (53%)
- Blue (86%)



- Red (34%)
- Yellow (48%)
- Blue (86%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9250, 43.9140, -38.5222 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 129.9250, 43.9140, -38.5222 by changing the saturation by 10% instead.

■ 129.9250, 43.9140,
-38.5222

■ 129.9250, 43.9140,
-38.5222

■ 255.0000, 0.0000,
0.0000

■ 102.1910, 43.7828,
-43.1405

■ 183.0800, 35.4566,
-32.5192

■ 69.0640, 46.3104,
-60.5691

■ 207.6000, 23.3682,
-28.5902

■ 52.5990, 41.6097,
-46.1293

■ 233.5930, 10.5537,
-25.0761

■ 37.3080, 36.3302,
-32.7191

■ 248.7210, 3.0955,
-12.9103

■ 23.3050, 30.9086,
-20.4385

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 129.9250, 43.9140,
-38.5222

■ 129.9250, 43.9140,
-38.5222

■ 115.1290, 51.2084,
-44.8401

■ 144.7210, 36.6195,
-32.2043

■ 100.3330, 58.5028,
-51.1580

■ 159.5170, 29.3251,
-25.8864

■ 86.1240, 65.5079,
-57.9907

■ 173.7260, 22.3201,
-19.0537

■ 72.5130, 72.2181,
-63.5939

■ 188.5220, 15.0257,
-12.7358

■ 203.3180, 7.7312,
-6.4179

■ 217.8150, 0.5842,
-0.7148

■ 232.6110, -6.7102,
5.6032

■ 245.6130,
-13.1202, 8.2324

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



111.3860, 51.0817, -97.6855



129.9250, 43.9140, -38.5222



139.3080, 29.9212, 16.3929

Triad

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



129.9250, 43.9140, -38.5222



134.0500, -25.6607, 63.9771



106.3580, -0.1765, -83.6290

Complementary

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



129.9250, 43.9140, -38.5222



175.0750, -43.9140, 38.5222

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.



124.5170, -27.8629, -23.2554



129.9250, 43.9140, -38.5222



132.6610, -39.2729, 43.2703

Square

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



129.9250, 43.9140, -38.5222



135.4200, -6.6161, 68.9147



129.7190, -40.7805, 13.4014



109.2590, 20.0853, -95.8201

Rectangle

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



129.9250, 43.9140, -38.5222



139.3130, 19.0727, 42.6985



129.7190, -40.7805, 13.4014



117.0430, -12.3462, -53.5347

Sweetspot

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



129.9250, 43.9140, -38.5222



224.2230, 15.1731, -13.3506



173.4190, -2.6716, -76.6665



108.7630, 9.4838, -8.5622



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.



129.9250, 43.9140, -38.5222



130.1200, 61.5658, -53.6022



105.9460, 55.7356, -3.4606



102.6020, 3.6472, -3.1590



57.2900, 57.0450, -50.2433



15.2230, 15.1731, -13.3506

Inverse Universe

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



131.3530, 1.7980, 76.8664



132.3660, 2.2846, 107.5500



199.0540, -55.7356, 3.4606



102.7450, 0.1257, 6.3626



59.0230, 2.4537, 99.9578



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 129.9250, 43.9140, -38.5222 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 129.9250, 43.9140, -38.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

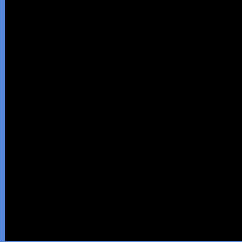
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.9250, 43.9140, -38.5222

Background



This preview shows how black text looks on a background with the YUV color 129.9250, 43.9140, -38.5222.



This preview shows how white text looks on a background with the YUV color 129.9250, 43.9140,

-38.5222.

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

129.9250, 43.9140, -38.5222

Protanopia

132.6060, 41.1132, -26.8415

Deuteranopia

129.3270, 44.2088, -39.7518



Tritanopia

121.7570, 18.3608, -55.9149

Trichromacy



Original Color

129.9250, 43.9140, -38.5222

Protanomaly

131.5130, 42.1451, -31.1449

Deuteranomaly

129.6260, 44.0614, -39.1370

Tritanomaly

124.9070, 27.6538, -49.9074

Monochromacy



Original Color

129.9250, 43.9140, -38.5222

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0380, 15.7573, -14.0653

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9250, 43.9140, -38.5222 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(86, 135, 219)` looks like.

```
.text, #text, p{  
    color:rgb(86, 135, 219)  
}
```

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(86, 135, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 135, 219) }
```

Border

The CSS property to change the border of an element to YUV 129.9250, 43.9140, -38.5222 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(86, 135, 219) }
```


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

```
.border{ border-color:rgb(86, 135, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 135, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 135, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 135, 219);  
box-shadow:4px 4px 4px 4px rgb(86, 135,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 129.9250, 43.9140, -38.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 135, 219) }
```

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

```
.background{ background-color: rgb(86, 135,  
219) }
```

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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