

Converting Colors

YUV(139.5860, 38.1651,
-14.5459)

Have a look what the booklet for
YUV(139.5860, 38.1651, -14.5459)
contains.

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Color

**YUV(139.5860, 38.1651,
-14.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	7B85D9
RGB	123, 133, 217
RGB Percent	48%, 52%, 85%
CMY	0.5176, 0.4784, 0.1490
CMYK	0.43, 0.39, 0.00, 0.15
HSL	234°, 55%, 67%
HSV	234°, 43%, 85%
XYZ	29.0803, 25.9958, 69.1306
YIQ	139.5860, -32.9240, 24.0040

Conversions

Conversions Part 2

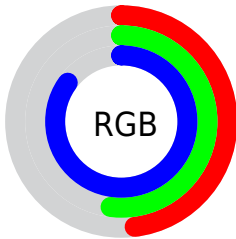
Format	Color
RYB	123, 132, 217
Decimal	8095193
CIELab	58.03, 17.81, -44.25
CIELCh	58, 47.703, 291.922
Yxy	25.9958, 0.2341, 0.2093
Android (android.graphics.Color)	4286285273 (0xFF7B85D9)
YUV	139.5860, 38.1651, -14.5459
Hunter-Lab	50.9860, 12.5833, -44.6995

Details

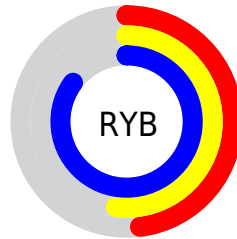
The YUV color **139.5860, 38.1651, -14.5459** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **200.4140, -38.1651, 14.5459**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7730, 31.1709, -11.2019**, and **87.8090, 36.5762, -18.2495** is the 20% darker color. If you saturate the color by 10%, you get **121.8550, 46.9065, -18.2898**, and if you desaturate by 10%, it is **157.3170, 29.4237, -10.8020**.

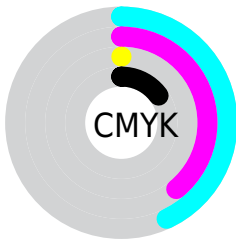
Distribution



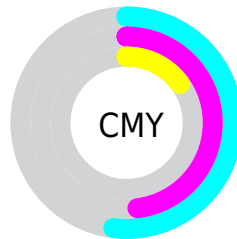
- Red (48%)
- Green (52%)
- Blue (85%)



- Red (48%)
- Yellow (52%)
- Blue (85%)



- Cyan (43%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (52%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.5860, 38.1651, -14.5459 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 139.5860, 38.1651, -14.5459 by changing the saturation by 10% instead.

■ 139.5860, 38.1651,
-14.5459

■ 139.5860, 38.1651,
-14.5459

255.0000, 0.0000,
0.0000

■ 113.3470, 37.2969,
-16.0903

■ 191.7730, 31.1709,
-11.2019

■ 87.8090, 36.5762,
-18.2495

■ 216.8800, 18.7932,
-7.7878

■ 62.2600, 35.8608,
-22.1530

■ 241.9870, 6.4154,
-4.3736

■ 35.3190, 36.3247,
-30.9748

■ 21.3160, 30.9032,
-18.6941

■ 6.9540, 26.6447,
-6.0987

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 139.5860, 38.1651,
-14.5459

■ 139.5860, 38.1651,
-14.5459

■ 121.8550, 46.9065,
-18.2898

■ 157.3170, 29.4237,
-10.8020

■ 103.8360, 55.7899,
-20.9042

■ 175.3360, 20.5404,
-8.1877

■ 86.1050, 64.5312,
-24.6481

■ 193.0670, 11.7990,
-4.4438

■ 67.7870, 73.5620,
-27.8772

■ 211.3850, 2.7682,
-1.2146

■ 50.3550, 82.1560,
-31.0063

■ 229.1160, -5.9732,
2.5293

■ 38.2390, 88.1292,
-33.5356

■ 246.5480,
-14.5672, 5.6584

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



111.5970, 54.4287, -97.8706



139.5860, 38.1651, -14.5459



143.6860, 23.3258, 31.8474

Triad

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



139.5860, 38.1651, -14.5459



138.5130, -31.3119, 56.5551



108.2840, 8.7340, -94.9651

Complementary

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



139.5860, 38.1651, -14.5459



200.4140, -38.1651, 14.5459

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.



125.6060, -19.5258, -37.3655



139.5860, 38.1651, -14.5459



135.9540, -40.4033, 32.4893

Square

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



139.5860, 38.1651, -14.5459



139.1720, -13.8888, 68.2552



132.0810, -36.5219, 0.8060



113.1860, 27.5163, -99.2641

Rectangle

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



139.5860, 38.1651, -14.5459



142.4300, 11.6200, 53.1199



132.0810, -36.5219, 0.8060



112.9780, -0.4822, -78.9107

Sweetspot

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



139.5860, 38.1651, -14.5459



227.5230, 13.5462, -4.8437



187.6400, 9.0515, -56.6893



110.5680, 8.5940, -3.1291



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.



139.5860, 38.1651, -14.5459



145.9670, 53.7533, -21.0191



144.4800, 35.7524, 12.7340



100.8410, 4.5154, -1.6146



30.2880, 70.3570, -26.5626



8.1790, 18.6458, -7.1730

Inverse Universe

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



152.2460, -9.4883, 56.7893



163.4770, -13.0532, 80.2657



195.5200, -35.7524, -12.7340



102.4030, -1.1847, 6.6626



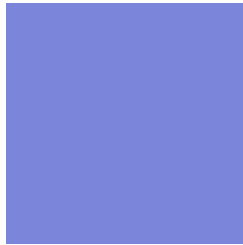
53.7790, -17.6390, 104.5568



14.3240, -4.5967, 27.7799

Previews

White Background



This preview shows how the YUV color 139.5860, 38.1651, -14.5459 looks on a white background.

Color Contrast Check

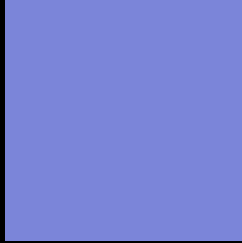
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.5860, 38.1651, -14.5459 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 139.5860, 38.1651, -14.5459

Background



This preview shows how black text looks on a background with the YUV color 139.5860, 38.1651, -14.5459.



This preview shows how white text looks on a background with the YUV color 139.5860, 38.1651, -14.5459.

-14.5459.

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

139.5860, 38.1651, -14.5459

Protanopia

137.2040, 40.8184, -25.6119

Deuteranopia

136.1170, 39.3823, -31.6746



Tritanopia

135.5930, 10.5537, -25.0761

Trichromacy



Original Color

139.5860, 38.1651, -14.5459

Protanomaly

137.9980, 39.9340, -21.9232

Deuteranomaly

137.3350, 38.7818, -25.7268

Tritanomaly

136.9600, 20.7257, -21.0129

Monochromacy



Original Color

139.5860, 38.1651, -14.5459

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6370, 13.9830, -4.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.5860, 38.1651, -14.5459 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(123, 133, 217)` looks like.

```
.text, #text, p{  
    color:rgb(123, 133, 217)  
}
```

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(123, 133, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 133, 217) }
```

Border

The CSS property to change the border of an element to YUV 139.5860, 38.1651, -14.5459 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(123, 133, 217) }
```


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

```
.border{ border-color:rgb(123, 133, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 133, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 133, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 133, 217); box-shadow:4px 4px 4px 4px rgb(123, 133, 217) }
```

Background

The CSS property to change the background color of an element to YUV 139.5860, 38.1651, -14.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 133, 217) }
```

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

```
.background{ background-color: rgb(123,  
133, 217) }
```

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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