

Converting Colors

YUV(189.2610, 27.4793,
-40.5709)

Have a look what the booklet for
YUV(189.2610, 27.4793, -40.5709)
contains.

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Color

**YUV(189.2610, 27.4793,
-40.5709)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCAF5
RGB	143, 202, 245
RGB Percent	56%, 79%, 96%
CMY	0.4392, 0.2078, 0.0392
CMYK	0.42, 0.18, 0.00, 0.04
HSL	205°, 84%, 76%
HSV	205°, 42%, 96%
XYZ	48.9297, 54.6733, 94.3603
YIQ	189.2610, -48.9670, 0.8650

Conversions

Conversions Part 2

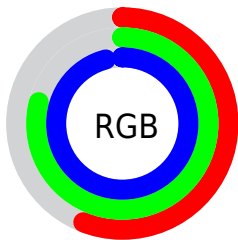
Format	Color
RYB	143, 180, 245
Decimal	9423605
CIELab	78.85, -8.12, -27.14
CIELCh	79, 28.330, 253.341
Yxy	54.6733, 0.2472, 0.2762
Android (android.graphics.Color)	4287613685 (0xFF8FCAF5)
YUV	189.2610, 27.4793, -40.5709
Hunter-Lab	73.9414, -11.2776, -23.9040

Details

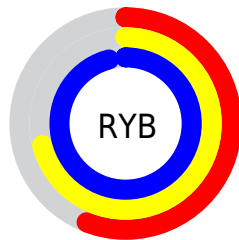
The YUV color **189.2610, 27.4793, -40.5709** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **198.7390, -27.4793, 40.5709**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **134.4350, 26.9005, -41.6005** is the 20% darker color. If you saturate the color by 10%, you get **176.2150, 33.9110, -50.1776**, and if you desaturate by 10%, it is **202.6060, 20.9002, -30.3495**.

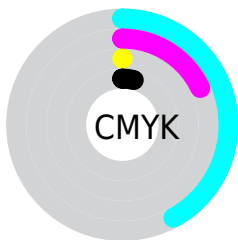
Distribution



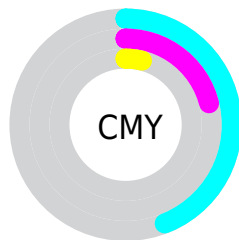
- Red (56%)
- Green (79%)
- Blue (96%)



- Red (56%)
- Yellow (71%)
- Blue (96%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2610, 27.4793, -40.5709 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 189.2610, 27.4793, -40.5709 by changing the saturation by 10% instead.

■ 189.2610, 27.4793,
-40.5709

■ 189.2610, 27.4793,
-40.5709

255.0000, 0.0000,
0.0000

■ 161.7340, 26.7531,
-40.9857

■ 238.5550, 8.1074,
-33.8127

■ 134.4350, 26.9005,
-41.6005

■ 247.2260, 3.8326,
-15.9842

■ 107.3100, 26.4692,
-43.2449

■ 79.7930, 27.2171,
-49.8075

■ 55.9780, 26.6328,
-49.0927

■ 39.6270, 22.3689,
-34.7529

■ 24.6780, 18.3997,

-21.6426

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 189.2610, 27.4793,
-40.5709

■ 189.2610, 27.4793,
-40.5709

■ 176.2150, 33.9110,
-50.1776

■ 202.6060, 20.9002,
-30.3495

■ 162.2830, 40.7795,
-59.8842

■ 216.2390, 14.1792,
-21.2576

■ 149.2370, 47.2112,
-69.4908

■ 229.5840, 7.6001,
-11.0362

■ 135.8920, 53.7902,
-79.7123

■ 242.6300, 1.1684,
-1.4295

■ 122.2590, 60.5113,
-88.8041

■ 253.2730, -4.0786,
1.5146

■ 111.2840, 65.9220,
-97.5961

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



183.8970, 22.7288, -56.9147



189.2610, 27.4793, -40.5709



195.4430, 24.9246, -14.4205

Triad

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



189.2610, 27.4793, -40.5709



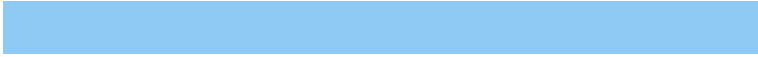
198.7390, -7.2663, 44.0789



189.2590, -16.3967, -14.2591

Complementary

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



189.2610, 27.4793, -40.5709



198.7390, -27.4793, 40.5709

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.



192.4530, -23.8873, 8.3727



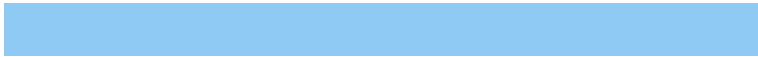
189.2610, 27.4793, -40.5709



196.8560, -18.1700, 41.3453

Square

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



189.2610, 27.4793, -40.5709



199.7020, 5.5699, 33.5873



195.0580, -24.6786, 28.8901



185.8460, -3.3751, -37.5759

Rectangle

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



189.2610, 27.4793, -40.5709



197.7120, 20.3550, 4.6376



195.0580, -24.6786, 28.8901



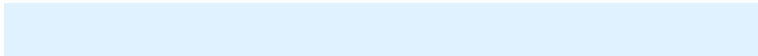
190.5050, -19.4760, -6.5819

Sweetspot

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



189.2610, 27.4793, -40.5709



238.1000, 8.3317, -12.3657



207.7760, -10.7356, -56.8086



117.9220, 4.9685, -6.9476



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.



189.2610, 27.4793, -40.5709



185.3290, 34.3478, -50.2775



159.3240, 42.2383, -14.3161



115.4770, 3.2158, -4.8033



84.6000, 49.9902, -74.1942



26.6840, 15.9318, -23.4019

Inverse Universe

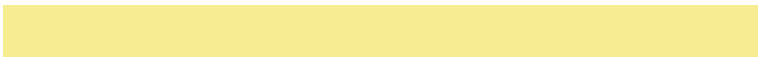
The Inverse Universe completely reimagines the original color for something new.



180.2240, 10.7356, 56.8086



174.2950, 13.1656, 70.7783



228.6760, -42.2383, 14.3161



114.3860, 1.2887, 6.6775



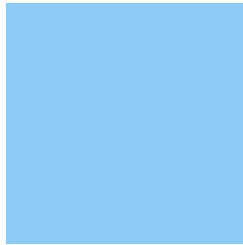
67.9260, 19.7565, 103.5509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 189.2610, 27.4793, -40.5709 looks on a white background.

Color Contrast Check

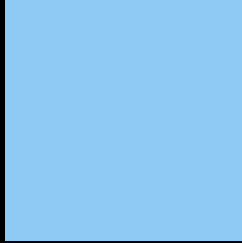
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 189.2610, 27.4793, -40.5709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

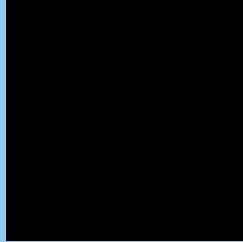
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.2610, 27.4793, -40.5709

Background



This preview shows how black text looks on a background with the YUV color 189.2610, 27.4793, -40.5709.



This preview shows how white text looks on a background with the YUV color 189.2610, 27.4793, -40.5709.

-40.5709.

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

189.2610, 27.4793, -40.5709

Protanopia

195.4390, 20.9826, -10.0320

Deuteranopia

195.8890, 25.1977, -8.6727



Tritanopia

187.1930, 17.1599, -44.0193

Trichromacy



Original Color

189.2610, 27.4793, -40.5709

Protanomaly

193.0570, 23.6359, -21.0980

Deuteranomaly

193.3390, 25.9619, -20.4683

Tritanomaly

188.1160, 20.6488, -43.0747

Monochromacy



Original Color

189.2610, 27.4793, -40.5709

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2610, 27.4793, -40.5709 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(143, 202, 245)` looks like.

```
.text, #text, p{  
    color:rgb(143, 202, 245)  
}
```

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(143, 202, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 202, 245) }
```

Border

The CSS property to change the border of an element to YUV 189.2610, 27.4793, -40.5709 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

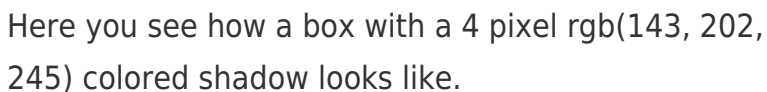
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 202, 245) }
```


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

```
.border{ border-color:rgb(143, 202, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 202, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 202, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 202, 245);  
box-shadow:4px 4px 4px 4px rgb(143, 202,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 189.2610, 27.4793, -40.5709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 202, 245) }
```

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

```
.background{ background-color: rgb(143,  
202, 245) }
```

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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