

Converting Colors

YUV(194.4390, 27.3916,
-59.1440)

Have a look what the booklet for
YUV(194.4390, 27.3916, -59.1440)
contains.

YUV(194.4390, 27.3916, -59.1440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(194.4390, 27.3916,
-59.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	7FDAFA
RGB	127, 218, 250
RGB Percent	50%, 85%, 98%
CMY	0.5020, 0.1451, 0.0196
CMYK	0.49, 0.13, 0.00, 0.02
HSL	196°, 92%, 74%
HSV	196°, 49%, 98%
XYZ	51.0791, 61.5570, 99.6320
YIQ	194.4390, -64.5080, -9.3400

Conversions

Conversions Part 2

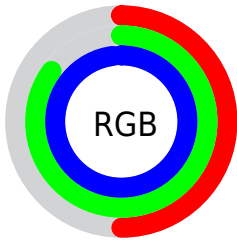
Format	Color
R _{YB}	127, 179, 250
Decimal	8379130
CIE Lab	82.68, -18.82, -24.03
CIE LCh	83, 30.528, 231.933
Yxy	61.5570, 0.2406, 0.2900
Android (android.graphics.Color)	4286569210 (0xFF7FDAFA)
YUV	194.4390, 27.3916, -59.1440
Hunter-Lab	78.4582, -21.0921, -20.3700

Details

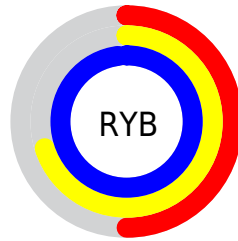
The YUV color **194.4390, 27.3916, -59.1440** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **182.5610, -27.3916, 59.1440**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, 10.1711, -42.4196**, and **137.4170, 27.4024, -62.6327** is the 20% darker color. If you saturate the color by 10%, you get **182.8550, 33.1025, -70.9098**, and if you desaturate by 10%, it is **206.0230, 21.6807, -47.3782**.

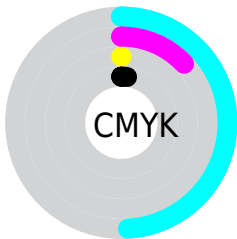
Distribution



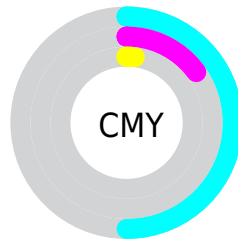
- Red (50%)
- Green (85%)
- Blue (98%)



- Red (50%)
- Yellow (70%)
- Blue (98%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.4390, 27.3916, -59.1440 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 194.4390, 27.3916, -59.1440 by changing the saturation by 10% instead.

194.4390, 27.3916,
-59.1440

194.4390, 27.3916,
-59.1440

255.0000, 0.0000,
0.0000

165.7270, 27.2496,
-60.2736

234.3690, 10.1711,
-42.4196

137.4170, 27.4024,
-62.6327

243.3390, 5.7489,
-23.9763

106.8180, 29.1767,
-71.7544

252.3090, 1.3267,
-5.5330

81.1170, 29.0293,
-71.1396

64.0650, 24.6180,
-56.1850

47.2410, 21.0802,
-41.4304

31.5910, 16.9636,

-27.7053

■ 16.1690, 13.7207,
-14.1802

■ 3.2090, 9.7570,
-2.8143

■ 194.4390, 27.3916,
-59.1440

■ 194.4390, 27.3916,
-59.1440

■ 182.8550, 33.1025,
-70.9098

■ 206.0230, 21.6807,
-47.3782

■ 171.8580, 38.5240,
-83.1905

■ 217.0200, 16.2591,
-35.0975

■ 160.2740, 44.2349,
-94.9563

■ 228.6040, 10.5482,
-23.3317

■ 149.2770, 49.6564,
-107.2369

■ 239.6010, 5.1267,
-11.0511

■ 137.6930, 55.3674,
-119.0028

■ 251.1850, -0.5842,
0.7148

■ 137.0950, 55.6622,
-120.2323

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

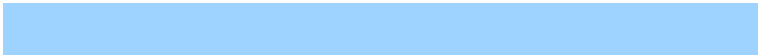
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.2570, 16.6353, -62.4924



194.4390, 27.3916, -59.1440



200.4680, 26.8843, -36.3674

Triad

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



194.4390, 27.3916, -59.1440



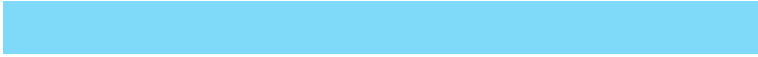
209.9370, 2.4961, 39.5203



202.4800, -24.8866, 2.2100

Complementary

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



194.4390, 27.3916, -59.1440



182.5610, -27.3916, 59.1440

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.



204.9390, -27.5779, 25.4865



194.4390, 27.3916, -59.1440



206.6310, -10.1711, 42.4196

Square

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



194.4390, 27.3916, -59.1440



210.4430, 15.0646, 21.5365



207.4170, -22.3906, 41.7303



198.7740, -14.1856, -23.4808

Rectangle

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



194.4390, 27.3916, -59.1440



205.0190, 24.6406, -16.6797



207.4170, -22.3906, 41.7303



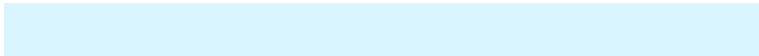
203.3670, -26.8029, 10.2021

Sweetspot

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



194.4390, 27.3916, -59.1440



237.7680, 8.4954, -18.2135



202.7350, -22.0544, -66.4196



117.6010, 5.1267, -11.0511



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.



194.4390, 27.3916, -59.1440



187.2570, 33.3973, -72.1394



159.2190, 44.7550, -28.2561



119.3520, 2.7845, -6.4477



103.7260, 42.0401, -90.9677



33.3690, 13.6221, -29.2646

Inverse Universe

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



174.1510, 21.6176, 66.5196



162.5040, 26.3735, 81.1190



217.7810, -44.7550, 28.2561



117.0270, 2.4517, 6.9923



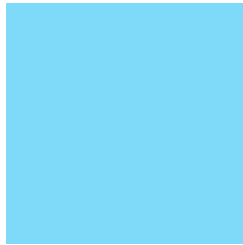
72.4710, 33.2918, 102.1959



23.3690, 10.6641, 33.0024

Previews

White Background



This preview shows how the YUV color 194.4390, 27.3916, -59.1440 looks on a white background.

Color Contrast Check

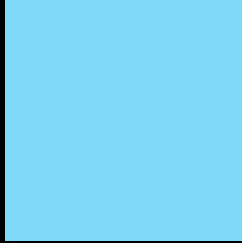
Large Text (above 18pt) WCAG AA × Fail

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 194.4390, 27.3916, -59.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

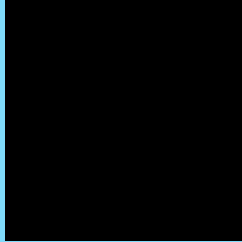
Any Text WCAG AA ✓ Pass

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 194.4390, 27.3916, -59.1440 Background



This preview shows how black text looks on a background with the YUV color 194.4390, 27.3916, -59.1440.



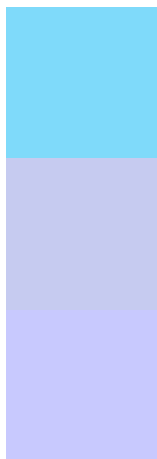
This preview shows how white text looks on a background with the YUV color 194.4390, 27.3916, -59.1440.

-59.1440.

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

194.4390, 27.3916, -59.1440

Protanopia

205.7230, 16.8986, -6.7731

Deuteranopia

206.7430, 23.2977, -5.9136



Tritanopia

193.0490, 22.1608, -61.4330

Trichromacy



Original Color

194.4390, 27.3916, -59.1440

Protanomaly

201.3400, 21.0314, -25.7312

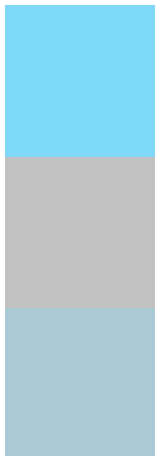
Deuteranomaly

202.0780, 25.1045, -25.5014

Tritanomaly

193.2170, 24.0500, -60.7033

Monochromacy



Original Color

194.4390, 27.3916, -59.1440

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.3870, 9.6692, -21.3874

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4390, 27.3916, -59.1440 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(127, 218, 250)` looks like.

```
.text, #text, p{  
    color:rgb(127, 218, 250)  
}
```

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(127, 218, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 218, 250) }
```

Border

The CSS property to change the border of an element to YUV 194.4390, 27.3916, -59.1440 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(127, 218, 250) }
```


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

```
.border{ border-color:rgb(127, 218, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 218, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 218, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 218, 250);  
box-shadow:4px 4px 4px 4px rgb(127, 218,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 194.4390, 27.3916, -59.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 218, 250) }
```

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

```
.background{ background-color: rgb(127,  
218, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor