

Converting Colors

YUV(194.2550, 29.9473,
-38.8116)

Have a look what the booklet for
YUV(194.2550, 29.9473, -38.8116)
contains.

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Color

**YUV(194.2550, 29.9473,
-38.8116)**

Conversions

Conversions Part 1

Format	Color
Hex	96CDFF
RGB	150, 205, 255
RGB Percent	59%, 80%, 100%
CMY	0.4118, 0.1961, 0.0000
CMYK	0.41, 0.20, 0.00, 0.00
HSL	209°, 100%, 79%
HSV	209°, 41%, 100%
XYZ	52.4590, 57.3667, 102.9157
YIQ	194.2550, -48.8300, 3.8900

Conversions

Conversions Part 2

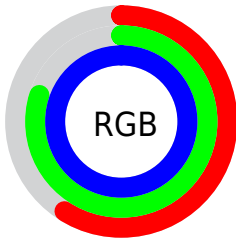
Format	Color
R _Y B	150, 186, 255
Decimal	9883135
CIE Lab	80.39, -5.32, -30.10
CIE LCh	80, 30.562, 259.983
Yxy	57.3667, 0.2466, 0.2697
Android (android.graphics.Color)	4288073215 (0xFF96CDFF)
YUV	194.2550, 29.9473, -38.8116
Hunter-Lab	75.7408, -8.9151, -27.5440

Details

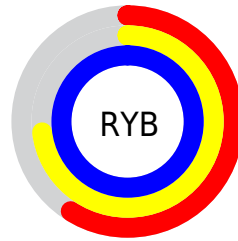
The YUV color **194.2550, 29.9473, -38.8116** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **210.7450, -29.9473, 38.8116**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **139.3150, 28.9317, -39.7413** is the 20% darker color. If you saturate the color by 10%, you get **179.7360, 37.1052, -48.0035**, and if you desaturate by 10%, it is **209.0730, 22.6420, -29.0050**.

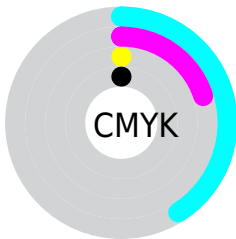
Distribution



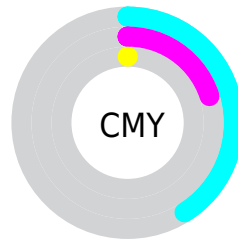
- Red (59%)
- Green (80%)
- Blue (100%)



- Red (59%)
- Yellow (73%)
- Blue (100%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.2550, 29.9473, -38.8116 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 194.2550, 29.9473, -38.8116 by changing the saturation by 10% instead.

■ 194.2550, 29.9473,
-38.8116

■ 194.2550, 29.9473,
-38.8116

255.0000, 0.0000,
0.0000

■ 166.7280, 29.2211,
-39.2265

■ 240.6480, 7.0755,
-29.5093

■ 139.3150, 28.9317,
-39.7413

■ 249.6180, 2.6533,
-11.0660

■ 112.3040, 28.9371,
-41.4856

■ 84.6840, 29.2428,
-46.2039

■ 58.0640, 29.5484,
-50.9221

■ 42.3000, 24.9951,
-37.0971

■ 27.2370, 20.5892,

-23.8868

■ 8.8800, 18.7932,
-7.7878

■ 3.4370, 10.6306,
-3.0142

■ 194.2550, 29.9473,
-38.8116

■ 194.2550, 29.9473,
-38.8116

■ 179.7360, 37.1052,
-48.0035

■ 209.0730, 22.6420,
-29.0050

■ 164.9180, 44.4104,
-57.8101

■ 223.5920, 15.4841,
-19.8132

■ 150.3990, 51.5683,
-67.0019

■ 238.4100, 8.1789,
-10.0066

■ 134.9940, 59.1630,
-76.2937

■ 253.5160, 0.7316,
-1.3295

■ 120.4750, 66.3208, 255.0000, 0.0000,
-85.4856 0.0000

■ 107.7280, 72.6051,
-94.4775

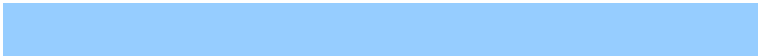
Harmonies

Analogous

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



187.6130, 26.8128, -60.1736



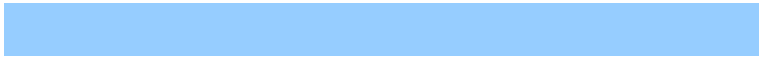
194.2550, 29.9473, -38.8116



200.4160, 25.9239, -8.2578

Triad

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



194.2550, 29.9473, -38.8116



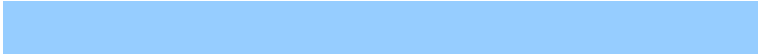
201.9520, -10.3293, 46.5231



192.5570, -15.0646, -21.5365

Complementary

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



194.2550, 29.9473, -38.8116



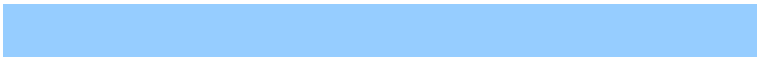
210.7450, -29.9473, 38.8116

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.



196.0780, -25.1815, 3.4396



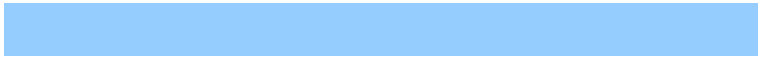
194.2550, 29.9473, -38.8116



200.9440, -21.6644, 42.1451

Square

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



194.2550, 29.9473, -38.8116



203.7630, 3.0748, 40.5498



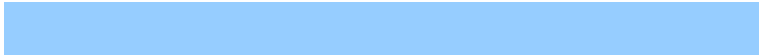
198.7650, -26.9991, 26.5161



188.4150, 0.2884, -45.9680

Rectangle

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



194.2550, 29.9473, -38.8116



203.2290, 19.6071, 11.2002



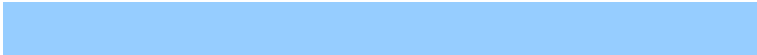
198.7650, -26.9991, 26.5161



193.8740, -19.1649, -13.0445

Sweetspot

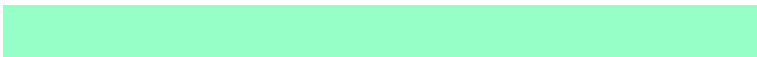
The Sweet Spot groups the original color and five complimentary colors.



194.2550, 29.9473, -38.8116



236.9260, 8.9105, -11.3361



217.2210, -8.9830, -58.9528



117.3350, 5.2578, -6.4328



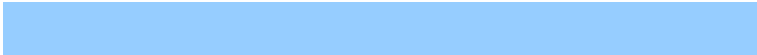
0.0000, 0.0000, 0.0000



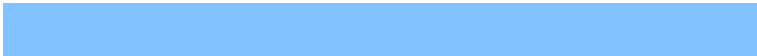
128.0000, 0.0000, 0.0000

Same Dimension

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



194.2550, 29.9473, -38.8116



182.4050, 35.7893, -45.9592



164.3180, 44.7062, -12.5569



120.0040, 3.9420, -4.3885



80.4740, 54.4893, -70.5757



26.6670, 18.4052, -23.3870

Inverse Universe

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



187.6650, 8.5462, 59.0528



174.7850, 9.9660, 70.3486



241.2690, -44.9956, 12.0421



119.5710, 0.7045, 7.3922



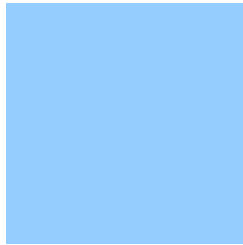
68.5090, 15.5251, 107.4246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 194.2550, 29.9473, -38.8116 looks on a white background.

Color Contrast Check

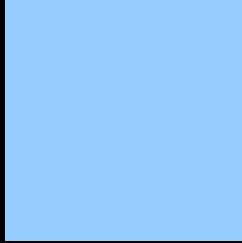
Large Text (above 18pt) WCAG AA × Fail

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 194.2550, 29.9473, -38.8116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

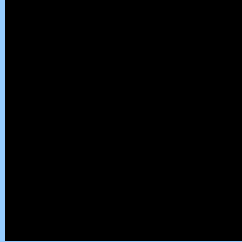
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

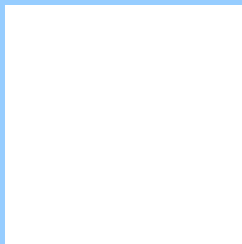
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 194.2550, 29.9473, -38.8116

Background



This preview shows how black text looks on a background with the YUV color 194.2550, 29.9473, -38.8116.



This preview shows how white text looks on a background with the YUV color 194.2550, 29.9473, -38.8116.

-38.8116.

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

194.2550, 29.9473, -38.8116

Protanopia

199.6390, 24.3350, -11.9614

Deuteranopia

199.4480, 27.3871, -10.9169



Tritanopia

191.6060, 17.4492, -43.5045

Trichromacy



Original Color

194.2550, 29.9473, -38.8116

Protanomaly

197.7410, 26.2567, -21.6979

Deuteranomaly

197.9090, 28.1459, -20.9682

Tritanomaly

192.4690, 21.9538, -41.6303

Monochromacy



Original Color

194.2550, 29.9473, -38.8116

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0720, 10.8105, -14.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.2550, 29.9473, -38.8116 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(150, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 205, 255)  
}
```

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(150, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 205, 255) }
```

Border

The CSS property to change the border of an element to YUV 194.2550, 29.9473, -38.8116 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(150, 205, 255) }
```


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

```
.border{ border-color:rgb(150, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 205,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 194.2550, 29.9473, -38.8116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 205, 255) }
```

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

```
.background{ background-color: rgb(150,  
205, 255) }
```

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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