

Converting Colors

YUV(193.0040, 30.5640,
-49.9925)

Have a look what the booklet for
YUV(193.0040, 30.5640, -49.9925)
contains.

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Color

**YUV(193.0040, 30.5640,
-49.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	88D2FF
RGB	136, 210, 255
RGB Percent	53%, 82%, 100%
CMY	0.4667, 0.1765, 0.0000
CMYK	0.47, 0.18, 0.00, 0.00
HSL	203°, 100%, 77%
HSV	203°, 47%, 100%
XYZ	51.2499, 58.5474, 103.2074
YIQ	193.0040, -58.5490, -1.6930

Conversions

Conversions Part 2

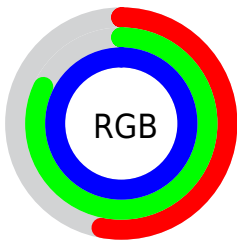
Format	Color
RYB	136, 182, 255
Decimal	8966911
CIELab	81.04, -11.32, -29.15
CIElCh	81, 31.270, 248.772
Yxy	58.5474, 0.2406, 0.2749
Android (android.graphics.Color)	4287156991 (0xFF88D2FF)
YUV	193.0040, 30.5640, -49.9925
Hunter-Lab	76.5163, -14.3458, -26.4106

Details

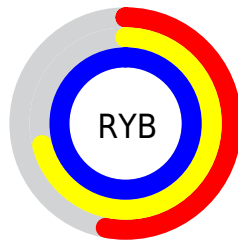
The YUV color **193.0040, 30.5640, -49.9925** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **197.9960, -30.5640, 49.9925**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, 8.9918, -37.5014**, and **137.1670, 29.9907, -52.7665** is the 20% darker color. If you saturate the color by 10%, you get **179.6590, 37.1431, -60.2139**, and if you desaturate by 10%, it is **206.6480, 23.8375, -39.1563**.

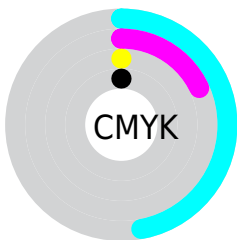
Distribution



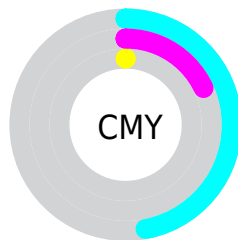
- Red (53%)
- Green (82%)
- Blue (100%)



- Red (53%)
- Yellow (71%)
- Blue (100%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0040, 30.5640, -49.9925 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 193.0040, 30.5640, -49.9925 by changing the saturation by 10% instead.

■ 193.0040, 30.5640,
-49.9925

■ 193.0040, 30.5640,
-49.9925

255.0000, 0.0000,
0.0000

■ 164.5910, 30.2746,
-50.5073

■ 236.7610, 8.9918,
-37.5014

■ 137.1670, 29.9907,
-52.7665

■ 245.7310, 4.5696,
-19.0581

■ 108.9600, 30.5857,
-56.9699

254.7010, 0.1474,
-0.6148

■ 77.4640, 32.8022,
-67.9359

■ 60.4120, 28.3909,
-52.9813

■ 44.0610, 24.1269,
-38.6415

■ 29.1120, 20.1578,

-25.5312

■ 11.8150, 17.3462,
-10.3618

■ 3.5510, 11.0674,
-3.1142

■ 193.0040, 30.5640,
-49.9925

■ 193.0040, 30.5640,
-49.9925

■ 179.6590, 37.1431,
-60.2139

■ 206.6480, 23.8375,
-39.1563

■ 166.6020, 43.5802,
-71.5650

■ 219.4060, 17.5478,
-28.4201

■ 153.2570, 50.1593,
-81.7864

■ 233.0500, 10.8214,
-17.5838

■ 139.6130, 56.8858,
-92.6226

■ 246.3950, 4.2423,
-7.3624

■ 126.8550, 63.1755, 255.0000, 0.0000,
-103.3588 0.0000

■ 122.4030, 65.3703,
-107.3474

Harmonies

Analogous

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



187.2980, 24.5031, -66.0363



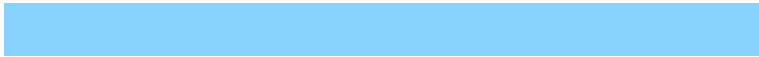
193.0040, 30.5640, -49.9925



199.9800, 27.1249, -20.1535

Triad

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



193.0040, 30.5640, -49.9925



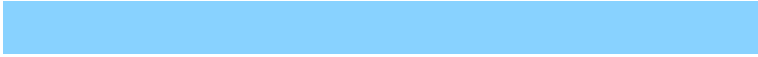
204.0210, -4.9404, 44.7086



195.0590, -19.7491, -12.3297

Complementary

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



193.0040, 30.5640, -49.9925



197.9960, -30.5640, 49.9925

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.



198.8620, -27.5400, 13.2760



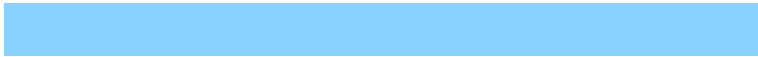
193.0040, 30.5640, -49.9925



203.1770, -18.3283, 45.4488

Square

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



193.0040, 30.5640, -49.9925



205.8100, 8.4747, 35.2466



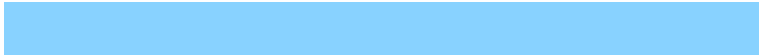
201.2220, -26.7314, 34.0083



191.4500, -6.1378, -38.1056

Rectangle

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



193.0040, 30.5640, -49.9925



203.6020, 23.8602, 0.3490



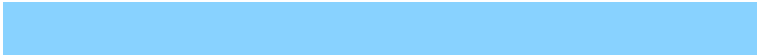
201.2220, -26.7314, 34.0083



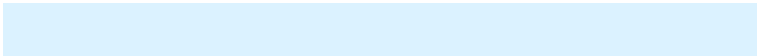
196.4900, -23.4126, -3.9377

Sweetspot

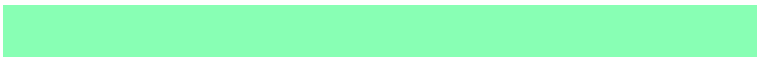
The Sweet Spot groups the original color and five complimentary colors.



193.0040, 30.5640, -49.9925



236.6050, 9.0687, -15.4396



210.8690, -15.2184, -65.6601



116.1390, 5.8475, -8.8919



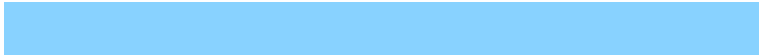
0.0000, 0.0000, 0.0000



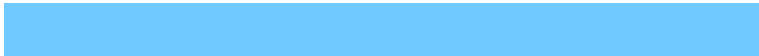
128.0000, 0.0000, 0.0000

Same Dimension

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



193.0040, 30.5640, -49.9925



180.5450, 36.7063, -60.1140



158.9580, 47.3487, -20.1342



121.1780, 3.3632, -5.4181



91.6270, 48.9909, -80.3569



30.7760, 16.3794, -26.9906

Inverse Universe

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



180.0170, 14.7816, 65.7601



164.9030, 17.7958, 79.0151



232.0420, -47.3487, 20.1342



119.7990, 1.5781, 7.1923



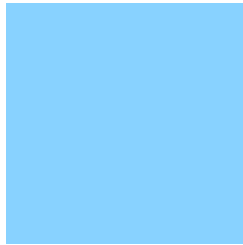
70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 193.0040, 30.5640, -49.9925 looks on a white background.

Color Contrast Check

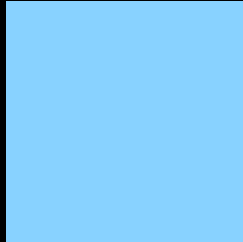
Large Text (above 18pt) WCAG AA × Fail

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 193.0040, 30.5640, -49.9925 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

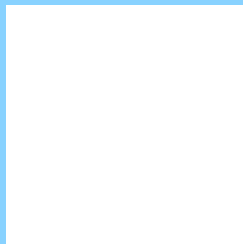
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.0040, 30.5640, -49.9925

Background



This preview shows how black text looks on a background with the YUV color 193.0040, 30.5640, -49.9925.



This preview shows how white text looks on a background with the YUV color 193.0040, 30.5640, -49.9925.

-49.9925.

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

193.0040, 30.5640, -49.9925

Protanopia

200.8950, 22.7298, -10.4319

Deuteranopia

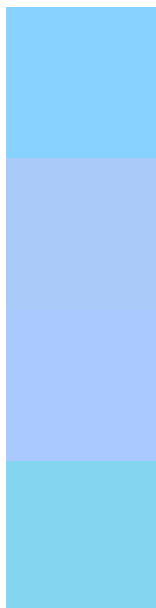
201.5190, 26.3661, -10.1022



Tritanopia

190.5230, 19.9552, -53.9557

Trichromacy



Original Color

193.0040, 30.5640, -49.9925

Protanomaly

197.9040, 25.6833, -24.4718

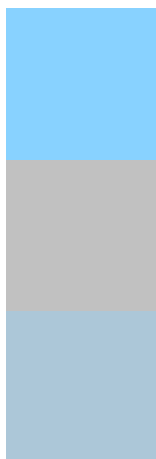
Deuteranomaly

198.4740, 27.8673, -24.9717

Tritanomaly

191.8590, 23.7335, -52.4963

Monochromacy



Original Color

193.0040, 30.5640, -49.9925

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8650, 11.4056, -18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0040, 30.5640, -49.9925 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(136, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 210, 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(136, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 210, 255) }
```

Border

The CSS property to change the border of an element to YUV 193.0040, 30.5640, -49.9925 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(136, 210, 255) }
```


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

```
.border{ border-color:rgb(136, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(136, 210,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 193.0040, 30.5640, -49.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 210, 255) }
```

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

```
.background{ background-color: rgb(136,  
210, 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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