

# Converting Colors

YUV(192.4940, 27.3645,  
-50.4222)

Have a look what the booklet for  
YUV(192.4940, 27.3645, -50.4222)  
contains.

<b>YUV(192.4940, 27.3645, -50.4222)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(192.4940, 27.3645,  
-50.4222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87D3F8
RGB	135, 211, 248
RGB Percent	53%, 83%, 97%
CMY	0.4706, 0.1725, 0.0275
CMYK	0.46, 0.15, 0.00, 0.03
HSL	200°, 89%, 75%
HSV	200°, 46%, 97%
XYZ	50.2292, 58.5167, 97.4544
YIQ	192.4940, -57.1730, -4.6050

# Conversions

## Conversions Part 2

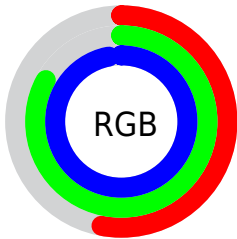
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 180, 248
Decimal	8901624
CIE Lab	81.03, -13.97, -25.46
CIE LCh	81, 29.038, 241.245
Yxy	58.5167, 0.2436, 0.2838
Android (android.graphics.Color)	4287091704 (0xFF87D3F8)
YUV	192.4940, 27.3645, -50.4222
Hunter-Lab	76.4962, -16.6611, -21.9867

# Details

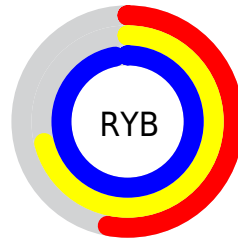
The YUV color **192.4940, 27.3645, -50.4222** is a light color, and the websafe version is hex **66CCFF**, and the color name is **pale cyan**. A complement of this color would be **190.5060, -27.3645, 50.4222**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **136.4830, 27.3699, -52.1666** is the 20% darker color. If you saturate the color by 10%, you get **180.3230, 33.3648, -61.6733**, and if you desaturate by 10%, it is **204.6650, 21.3642, -39.1712**.

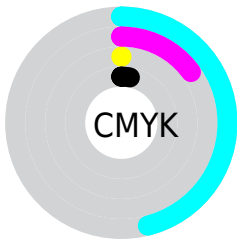
# Distribution



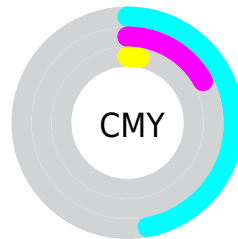
- Red (53%)
- Green (83%)
- Blue (97%)



- Red (53%)
- Yellow (71%)
- Blue (97%)



- Cyan (46%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (47%)
- Magenta (17%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 192.4940, 27.3645, -50.4222 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 192.4940, 27.3645, -50.4222 by changing the saturation by 10% instead.



192.4940, 27.3645,  
-50.4222

192.4940, 27.3645,  
-50.4222

255.0000, 0.0000,  
0.0000

164.0810, 27.0751,  
-50.9370

236.4620, 9.1392,  
-38.1162

136.4830, 27.3699,  
-52.1666

245.1330, 4.8644,  
-20.2876

108.1620, 27.5281,  
-56.2701

254.1030, 0.4422,  
-1.8443

77.3670, 29.8921,  
-67.8509

60.3150, 25.4807,  
-52.8963

44.0780, 21.6535,  
-38.6564

28.4280, 17.5370,

-24.9314

■ 10.6580, 15.4516,  
-9.3471

■ 2.9810, 8.8834,  
-2.6143

■ 192.4940, 27.3645,  
-50.4222

■ 192.4940, 27.3645,  
-50.4222

■ 180.3230, 33.3648,  
-61.6733

■ 204.6650, 21.3642,  
-39.1712

■ 168.1520, 39.3651,  
-72.9243

■ 216.8360, 15.3639,  
-27.9202

■ 156.2800, 45.2180,  
-83.5606

■ 228.7080, 9.5110,  
-17.2839

■ 144.1090, 51.2183,  
-94.8116

■ 240.8790, 3.5107,  
-6.0329

■ 131.3510, 57.5080,  
-105.5478

■ 252.4410, -2.1894,  
2.2442

■ 126.3010, 59.9976,  
-110.7660

■ 254.2020, -3.0576,  
0.6998

# Harmonies

## Analogous

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



188.6640, 19.3926, -60.2183



192.4940, 27.3645, -50.4222



198.7620, 27.7253, -26.1013

# Triad

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



192.4940, 27.3645, -50.4222



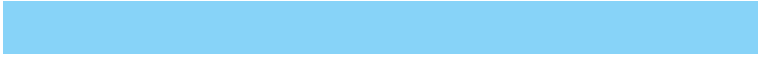
205.1070, -2.0248, 42.8792



196.7610, -21.0812, -5.0524

# Complementary

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



192.4940, 27.3645, -50.4222



190.5060, -27.3645, 50.4222

# 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.



199.9380, -26.0984, 17.5944



192.4940, 27.3645, -50.4222



204.0890, -14.8339, 44.6489

# Square

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



192.4940, 27.3645, -50.4222



205.4500, 11.1172, 27.6694



202.3300, -23.8267, 35.6676



192.9950, -9.3645, -29.8136



# Rectangle

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



192.4940, 27.3645, -50.4222



202.6720, 24.3187, -6.7283



202.3300, -23.8267, 35.6676



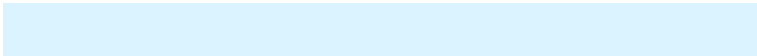
198.1210, -23.7237, 2.5249

# Sweetspot

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



192.4940, 27.3645, -50.4222



237.1920, 8.7793, -15.9544



205.4350, -16.9765, -61.7715



116.7260, 5.5581, -9.4067



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

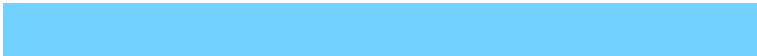


# Same Dimension

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



192.4940, 27.3645, -50.4222



186.1380, 33.9490, -62.3880



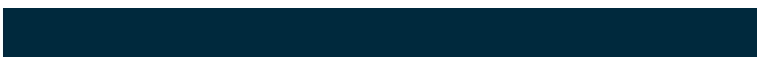
160.2090, 43.2810, -22.1083



118.7650, 3.0739, -5.9329



96.0950, 45.8022, -84.2753



31.0210, 14.7796, -27.2054



# Inverse Universe

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



177.4510, 16.5397, 61.8715



167.5760, 20.4220, 76.6708



222.7910, -43.2810, 22.1083



116.9130, 2.0149, 7.0923



70.9890, 27.6134, 103.4956

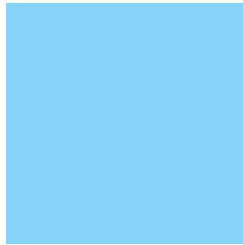


22.9130, 8.9169, 33.4023



# Previews

## White Background



This preview shows how the YUV color 192.4940, 27.3645, -50.4222 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

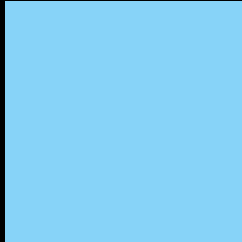
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.4940, 27.3645, -50.4222 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

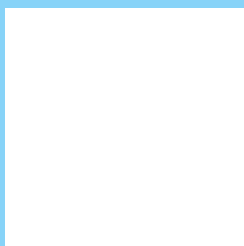
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 192.4940, 27.3645, -50.4222

## Background



This preview shows how black text looks on a background with the YUV color 192.4940, 27.3645, -50.4222.



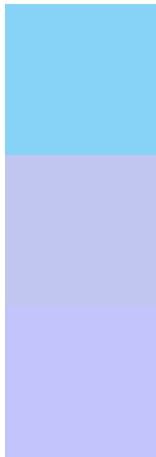
This preview shows how white text looks on a background with the YUV color 192.4940, 27.3645, -50.4222.

-50.4222.

# 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

192.4940, 27.3645, -50.4222

### Protanopia

200.8800, 18.7932, -7.7878

### Deuteranopia

201.6720, 24.3187, -6.7283



## Tritanopia

190.8220, 19.8078, -53.3409

# Trichromacy



**Original Color**

192.4940, 27.3645, -50.4222

**Protanomaly**

197.8780, 21.7521, -23.5720

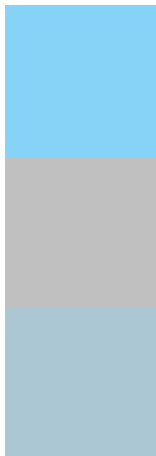
**Deuteranomaly**

198.2140, 25.5305, -22.1127

**Tritanomaly**

191.5170, 22.4231, -52.1964

# Monochromacy



**Original Color**

192.4940, 27.3645, -50.4222

**Achromatopsia**

192.0000, 0.0000, 0.0000

**Achromatomaly**

192.1100, 9.8058, -18.5135

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.4940, 27.3645, -50.4222 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(135, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(135, 211, 248)  
}
```

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(135, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 211, 248) }
```

## Border

The CSS property to change the border of an element to YUV 192.4940, 27.3645, -50.4222 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(135, 211, 248) }
```



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

```
.border{ border-color:rgb(135, 211, 248) }
```

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

Here you see how a box with a 4 pixel rgb(135, 211, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(135, 211,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 192.4940, 27.3645, -50.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 211, 248) }
```

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

```
.background{ background-color: rgb(135,  
211, 248) }
```

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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