

# Converting Colors

YUV(192.7460, 25.2682,  
-31.3492)

Have a look what the booklet for  
YUV(192.7460, 25.2682, -31.3492)  
contains.

<b>YUV(192.7460, 25.2682, -31.3492)</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(192.7460, 25.2682,  
-31.3492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC9F4
RGB	157, 201, 244
RGB Percent	62%, 79%, 96%
CMY	0.3843, 0.2118, 0.0431
CMYK	0.36, 0.18, 0.00, 0.04
HSL	210°, 80%, 79%
HSV	210°, 36%, 96%
XYZ	51.1204, 55.4730, 93.6010
YIQ	192.7460, -40.0270, 4.0450

# Conversions

## Conversions Part 2

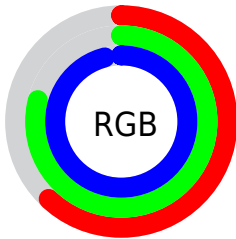
Format	Color
R <sub>Y</sub> B	157, 186, 244
Decimal	10340852
CIE Lab	79.31, -4.21, -25.84
CIE LCh	79, 26.176, 260.741
Yxy	55.4730, 0.2554, 0.2771
Android (android.graphics.Color)	4288530932 (0xFF9DC9F4)
YUV	192.7460, 25.2682, -31.3492
Hunter-Lab	74.4802, -7.8248, -22.3749

# Details

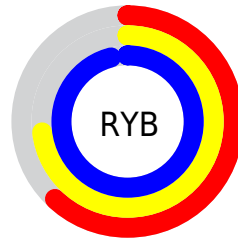
The YUV color **192.7460, 25.2682, -31.3492** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **208.2540, -25.2682, 31.3492**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, 6.0437, -25.2059**, and **138.2190, 24.5420, -31.7641** is the 20% darker color. If you saturate the color by 10%, you get **178.5260, 32.2787, -39.9263**, and if you desaturate by 10%, it is **206.9660, 18.2578, -22.7722**.

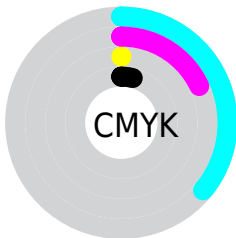
# Distribution



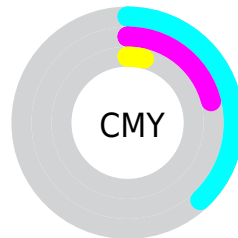
- Red (62%)
- Green (79%)
- Blue (96%)



- Red (62%)
- Yellow (73%)
- Blue (96%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (21%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 192.7460, 25.2682, -31.3492 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 192.7460, 25.2682, -31.3492 by changing the saturation by 10% instead.



■ 192.7460, 25.2682,  
-31.3492

■ 192.7460, 25.2682,  
-31.3492

255.0000, 0.0000,  
0.0000

■ 165.3330, 24.9788,  
-31.8640

■ 242.7410, 6.0437,  
-25.2059

■ 138.2190, 24.5420,  
-31.7641

■ 251.4120, 1.7689,  
-7.3773

■ 111.8060, 24.2526,  
-32.2789

■ 86.5670, 23.3845,  
-33.8233

■ 59.1640, 24.5691,  
-40.4858

■ 39.5130, 21.9321,  
-34.6529

■ 24.5640, 17.9629,

-21.5426

■ 6.2070, 16.1669,  
-5.4435

■ 2.5250, 7.1362,  
-2.2144

■ 192.7460, 25.2682,  
-31.3492

■ 192.7460, 25.2682,  
-31.3492

■ 178.5260, 32.2787,  
-39.9263

■ 206.9660, 18.2578,  
-22.7722

■ 164.0070, 39.4365,  
-49.1181

■ 221.4850, 11.0999,  
-13.5803

■ 149.7870, 46.4470,  
-57.6952

■ 235.7050, 4.0894,  
-5.0033

■ 135.2680, 53.6049,  
-66.8870

■ 250.2240, -3.0684,  
4.1886

■ 121.0480, 60.6153,  
-75.4641

■ 253.7460, -4.8048,  
1.0998

■ 106.8280, 67.6258,  
-84.0412

■ 100.0170, 70.9836,  
-87.7149

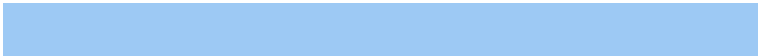
# Harmonies

## Analogous

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



187.5390, 22.4123, -48.7077



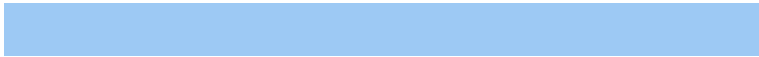
192.7460, 25.2682, -31.3492



197.6890, 21.8453, -6.7433

# Triad

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



192.7460, 25.2682, -31.3492



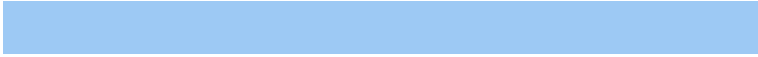
200.0330, -9.8763, 41.1901



190.2630, -12.4547, -18.6477

# Complementary

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



192.7460, 25.2682, -31.3492



208.2540, -25.2682, 31.3492

# 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.



193.5170, -20.9609, 3.0546



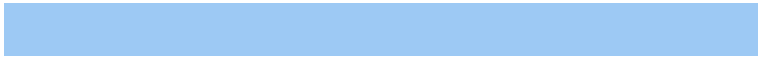
192.7460, 25.2682, -31.3492



198.5950, -19.0273, 36.3122

# Square

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



192.7460, 25.2682, -31.3492



200.7900, 2.0755, 34.3872



196.0680, -23.2045, 22.7424



187.4590, 0.2667, -38.9905



# Rectangle

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



192.7460, 25.2682, -31.3492



199.4200, 16.5549, 10.1557



196.0680, -23.2045, 22.7424



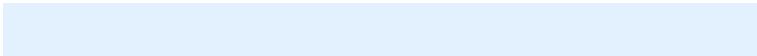
191.6830, -16.1127, -12.0000

# Sweetspot

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



192.7460, 25.2682, -31.3492



238.4100, 8.1789, -10.0066



212.8570, -6.8315, -48.9866



117.6340, 5.1104, -5.8180



0.0000, 0.0000, 0.0000

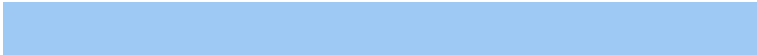


128.0000, 0.0000, 0.0000

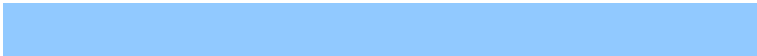


# Same Dimension

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



192.7460, 25.2682, -31.3492



190.4120, 31.8419, -39.8263



167.5050, 37.7120, -9.2129



114.8900, 3.5052, -4.2885



76.3820, 54.0417, -66.9870



24.3360, 17.0894, -21.3427



# Inverse Universe

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



188.0290, 6.3947, 49.0866



184.2740, 8.2459, 62.0267



233.4950, -37.7120, 9.2129



114.2720, 0.8519, 6.7775



66.3300, 13.6413, 104.9506

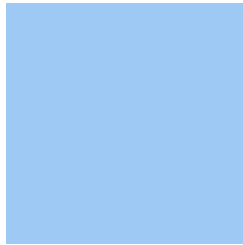


21.0610, 4.4069, 33.2725



# Previews

## White Background



This preview shows how the YUV color 192.7460, 25.2682, -31.3492 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

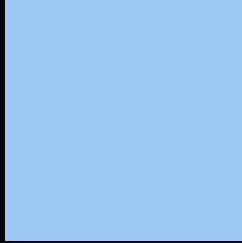
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.7460, 25.2682, -31.3492 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

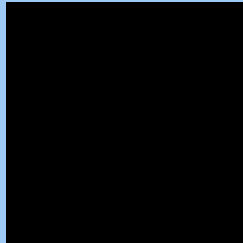
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

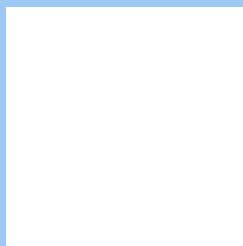
Any Text WCAG AAA ✓ Pass

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

# YUV 192.7460, 25.2682, -31.3492 Background



This preview shows how black text looks on a background with the YUV color 192.7460, 25.2682, -31.3492.



This preview shows how white text looks on a background with the YUV color 192.7460, 25.2682, -31.3492.



# 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

192.7460, 25.2682, -31.3492

### Protanopia

196.7380, 20.8352, -9.4172

### Deuteranopia

197.2590, 24.0293, -7.2431



## Tritanopia

190.9770, 14.8013, -34.1828

# Trichromacy



**Original Color**

192.7460, 25.2682, -31.3492

**Protanomaly**

195.4380, 22.4621, -17.9241

**Deuteranomaly**

195.3180, 24.4932, -16.0649

**Tritanomaly**

191.9000, 18.2903, -33.2383

# Monochromacy



**Original Color**

192.7460, 25.2682, -31.3492

**Achromatopsia**

193.0000, 0.0000, 0.0000

**Achromatomaly**

193.0400, 9.3473, -11.4361

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.7460, 25.2682, -31.3492 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(157, 201, 244)` looks like.

```
.text, #text, p{  
    color:rgb(157, 201, 244)  
}
```

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(157, 201, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 201, 244) }
```

## Border

The CSS property to change the border of an element to YUV 192.7460, 25.2682, -31.3492 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".

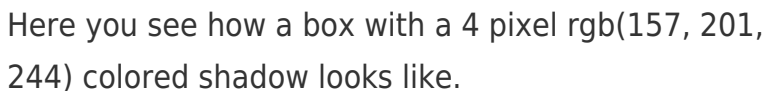
```
.border, #border, table{ border:4px solid rgb(157, 201, 244) }
```



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

```
.border{ border-color:rgb(157, 201, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 201, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 201, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 201, 244);  
box-shadow:4px 4px 4px 4px rgb(157, 201,  
244) }
```

# Background

The CSS property to change the background color of an element to YUV 192.7460, 25.2682, -31.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 201, 244) }
```

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

```
.background{ background-color: rgb(157,  
201, 244) }
```

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