

Converting Colors

YUV(158.4190, 31.3454,
-20.5385)

Have a look what the booklet for
YUV(158.4190, 31.3454, -20.5385)
contains.

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Color

**YUV(158.4190, 31.3454,
-20.5385)**

Conversions

Conversions Part 1

Format	Color
Hex	879EDE
RGB	135, 158, 222
RGB Percent	53%, 62%, 87%
CMY	0.4706, 0.3804, 0.1294
CMYK	0.39, 0.29, 0.00, 0.13
HSL	224°, 57%, 70%
HSV	224°, 39%, 87%
XYZ	35.4033, 34.8785, 73.9735
YIQ	158.4190, -34.2520, 15.0280

Conversions

Conversions Part 2

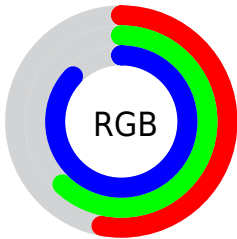
Format	Color
RYB	135, 153, 222
Decimal	8888030
CIELab	65.65, 7.80, -35.04
CIELCh	66, 35.894, 282.546
Yxy	34.8785, 0.2454, 0.2418
Android (android.graphics.Color)	4287078110 (0xFF879EDE)
YUV	158.4190, 31.3454, -20.5385
Hunter-Lab	59.0581, 3.6532, -32.9234

Details

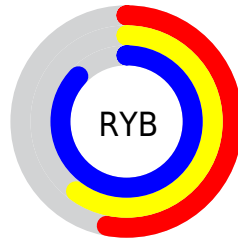
The YUV color **158.4190, 31.3454, -20.5385** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **198.5810, -31.3454, 20.5385**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6230, 21.8779, -17.2094**, and **106.0660, 30.0405, -21.9829** is the 20% darker color. If you saturate the color by 10%, you get **142.4490, 39.2186, -25.8268**, and if you desaturate by 10%, it is **174.3890, 23.4722, -15.2502**.

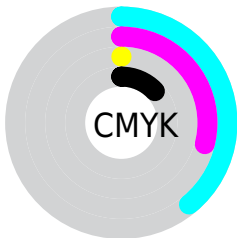
Distribution



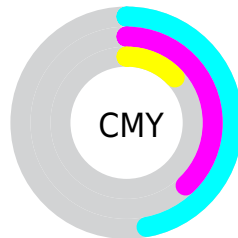
- Red (53%)
- Green (62%)
- Blue (87%)



- Red (53%)
- Yellow (60%)
- Blue (87%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4190, 31.3454, -20.5385 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 158.4190, 31.3454, -20.5385 by changing the saturation by 10% instead.

■ 158.4190, 31.3454,
-20.5385

■ 158.4190, 31.3454,
-20.5385

255.0000, 0.0000,
0.0000

■ 131.8920, 30.6192,
-20.9533

■ 210.6230, 21.8779,
-17.2094

■ 106.0660, 30.0405,
-21.9829

■ 236.3170, 9.2107,
-14.3100

■ 80.5280, 29.3197,
-24.1421

■ 253.2060, 0.8844,
-3.6887

■ 54.7940, 29.1886,
-28.7603

■ 33.0390, 27.5888,
-28.9752

■ 18.0900, 23.6196,
-15.8649

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 158.4190, 31.3454,
-20.5385

■ 158.4190, 31.3454,
-20.5385

■ 142.4490, 39.2186,
-25.8268

■ 174.3890, 23.4722,
-15.2502

■ 125.8920, 47.3812,
-30.6003

■ 190.9460, 15.3096,
-10.4766

■ 109.6230, 55.4019,
-36.5034

■ 207.2150, 7.2890,
-4.5736

■ 93.6530, 63.2751,
-41.7917

■ 223.1850, -0.5842,
0.7148

■ 77.0960, 71.4377,
-46.5652

■ 239.7420, -8.7468,
5.4883

■ 61.1260, 79.3109,
-51.8535

■ 251.2380,
-14.4143, 3.2993

■ 59.9410, 79.8951,
-52.5683

Harmonies

Analogous

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



147.3170, 35.8327, -59.9140



158.4190, 31.3454, -20.5385



163.1200, 21.6328, 14.8038

Triad

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



158.4190, 31.3454, -20.5385



160.4010, -21.3967, 49.6373



145.7800, -3.3425, -48.0421

Complementary

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



158.4190, 31.3454, -20.5385



198.5810, -31.3454, 20.5385

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.



151.9120, -20.1696, -17.4628



158.4190, 31.3454, -20.5385



158.7120, -29.9310, 33.5786

Square

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



158.4190, 31.3454, -20.5385



162.3810, -7.5828, 52.2859



155.9710, -29.5657, 9.6724



136.6630, 17.4211, -81.2655

Rectangle

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



158.4190, 31.3454, -20.5385



163.6510, 12.9901, 33.6321



155.9710, -29.5657, 9.6724



148.2390, -9.4848, -37.9206

Sweetspot

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



158.4190, 31.3454, -20.5385



232.2300, 11.2256, -7.2177



193.3650, 2.7781, -51.1861



114.4000, 6.7048, -3.8588



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.



158.4190, 31.3454, -20.5385



167.4640, 43.1552, -28.4709



150.8980, 35.0533, 3.5975



104.0150, 3.9366, -2.6442



47.6530, 63.2751, -41.7917



13.1030, 17.2042, -11.4913

Inverse Universe

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



163.6350, -2.7781, 51.1861



174.5280, -3.7113, 70.5739



206.1020, -35.0533, -3.5975



104.6310, -0.3111, 6.4626



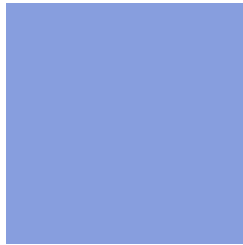
57.9820, -5.4141, 103.5018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 158.4190, 31.3454, -20.5385 looks on a white background.

Color Contrast Check

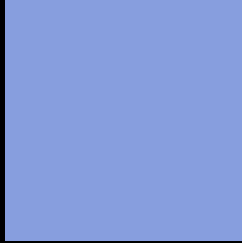
Large Text (above 18pt) WCAG AA × Fail

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 158.4190, 31.3454, -20.5385 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 158.4190, 31.3454, -20.5385

Background



This preview shows how black text looks on a background with the YUV color 158.4190, 31.3454, -20.5385.



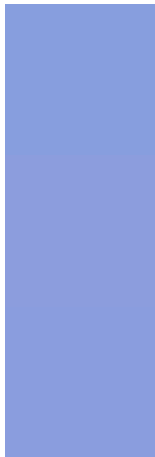
This preview shows how white text looks on a background with the YUV color 158.4190, 31.3454, -20.5385.

-20.5385.

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

158.4190, 31.3454, -20.5385

Protanopia

159.2130, 30.4610, -16.8498

Deuteranopia

158.7290, 31.1926, -18.1793



Tritanopia

154.9240, 11.8695, -27.1203

Trichromacy



Original Color

158.4190, 31.3454, -20.5385

Protanomaly

158.6150, 30.7558, -18.0794

Deuteranomaly

158.4300, 31.3400, -18.7941

Tritanomaly

156.1830, 19.1368, -24.7165

Monochromacy



Original Color

158.4190, 31.3454, -20.5385

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2300, 11.2256, -7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4190, 31.3454, -20.5385 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, 158, 222)` looks like.

```
.text, #text, p{  
    color:rgb(135, 158, 222)  
}
```

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, 158, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 158, 222) }
```

Border

The CSS property to change the border of an element to YUV 158.4190, 31.3454, -20.5385 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, 158, 222) }
```


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

```
.border{ border-color:rgb(135, 158, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 158, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 158, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 158, 222);  
box-shadow:4px 4px 4px 4px rgb(135, 158,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 158.4190, 31.3454, -20.5385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 158, 222) }
```

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

```
.background{ background-color: rgb(135,  
158, 222) }
```

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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