

Converting Colors

YUV(197.3630, -31.2380,
-60.8314)

Have a look what the booklet for
YUV(197.3630, -31.2380, -60.8314)
contains.

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Color

**YUV(197.3630, -31.2380,
-60.8314)**

Conversions

Conversions Part 1

Format	Color
Hex	80F586
RGB	128, 245, 134
RGB Percent	50%, 96%, 53%
CMY	0.4980, 0.0392, 0.4745
CMYK	0.48, 0.00, 0.45, 0.04
HSL	123°, 85%, 73%
HSV	123°, 48%, 96%
XYZ	45.8576, 71.6152, 33.9604
YIQ	197.3630, -34.1010, -59.3250

Conversions

Conversions Part 2

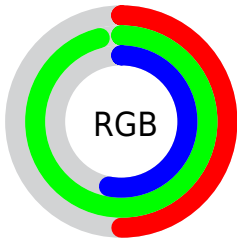
Format	Color
RYB	128, 239, 245
Decimal	8451462
CIELab	87.78, -55.18, 43.30
CIElCh	88, 70.145, 141.878
Yxy	71.6152, 0.3028, 0.4729
Android (android.graphics.Color)	4286641542 (0xFF80F586)
YUV	197.3630, -31.2380, -60.8314
Hunter-Lab	84.6258, -51.3684, 35.4449

Details

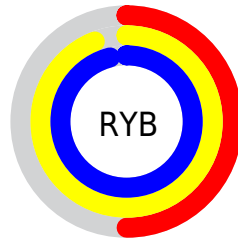
The YUV color **197.3630, -31.2380, -60.8314** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **175.6370, 31.2380, 60.8314**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1440, -18.8050, -35.2063**, and **139.7370, -28.4643, -63.7903** is the 20% darker color. If you saturate the color by 10%, you get **187.2660, -37.5991, -73.9013**, and if you desaturate by 10%, it is **207.4600, -24.8768, -47.7614**.

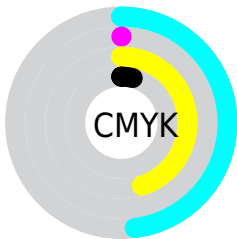
Distribution



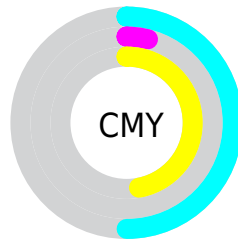
- Red (50%)
- Green (96%)
- Blue (53%)



- Red (50%)
- Yellow (94%)
- Blue (96%)



- Cyan (48%)
- Magenta (0%)
- Yellow (45%)
- Black (4%)



- Cyan (50%)
- Magenta (4%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.3630, -31.2380, -60.8314 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 197.3630, -31.2380, -60.8314 by changing the saturation by 10% instead.

■ 197.3630,
-31.2380, -60.8314

■ 197.3630,
-31.2380, -60.8314

255.0000, 0.0000,
0.0000

■ 168.4060,
-29.7802, -61.7461

■ 227.1440,
-18.8050, -35.2063

■ 139.7370,
-28.4643, -63.7903

■ 239.0070,
-10.8495, -20.1771

■ 108.6760,
-25.9693, -70.7529

■ 251.2830, -2.6045,
-4.6332

■ 81.4910, -25.3851,
-71.4676

■ 62.8090, -30.9648,
-55.0835

■ 48.1340, -23.7301,
-42.2135

■ 33.4590, -16.4953,

-29.3435

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 197.3630,
-31.2380, -60.8314

■ 197.3630,
-31.2380, -60.8314

■ 187.2660,
-37.5991, -73.9013

■ 207.4600,
-24.8768, -47.7614

■ 177.4680,
-44.1077, -86.3564

■ 217.2580,
-18.3682, -35.3063

■ 167.5560,
-51.0531, -98.7116

■ 227.4690,
-11.5702, -22.3363

■ 157.4590,
-57.4143, -111.7815

■ 237.2670, -5.0616,
-9.8812

■ 147.6610,
-63.9229, -124.2367

■ 247.3640, 1.2995,
3.1888

■ 145.2970,
-65.2224, -127.4255

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



208.1200, -59.2192, 0.7718



197.3630, -31.2380, -60.8314



170.6100, 13.9963, -149.6250

Triad

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



197.3630, -31.2380, -60.8314



165.8410, 43.9554, -145.4426



192.3490, -9.0461, 54.9449

Complementary

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



197.3630, -31.2380, -60.8314



175.6370, 31.2380, 60.8314

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.



199.4000, 20.5088, 48.7612



197.3630, -31.2380, -60.8314



209.7480, 22.3092, -15.5650

Square

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



197.3630, -31.2380, -60.8314



174.0590, 39.9039, -152.6497



212.1490, 21.1255, 37.5803



198.1780, -40.0208, 49.8329

Rectangle

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



197.3630, -31.2380, -60.8314



176.4410, 33.7996, -154.7388



212.1490, 21.1255, 37.5803



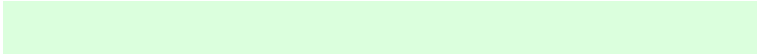
193.0960, 1.4317, 54.2898

Sweetspot

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



197.3630, -31.2380, -60.8314



240.3600, -9.5445, -18.7327



229.8680, -50.2209, 8.0088



119.0280, -5.9298, -11.4256



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.



197.3630, -31.2380, -60.8314



195.9130, -38.9041, -75.3457



203.9750, -5.9037, -66.6301



117.1580, -3.0359, -6.2776



110.3220, -49.4587, -96.7524



34.9750, -15.7637, -30.6731

Inverse Universe

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



175.6370, 31.2380, 60.8314



169.0870, 38.9041, 75.3457



169.0250, 5.9037, 66.6301



114.9560, 3.4727, 6.1776



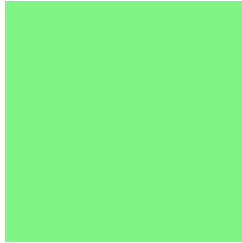
75.7920, 49.8955, 96.6524



24.0250, 15.7637, 30.6731

Previews

White Background



This preview shows how the YUV color 197.3630, -31.2380, -60.8314 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 197.3630, -31.2380, -60.8314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

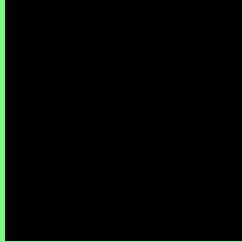
Any Text WCAG AA ✓ Pass

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 197.3630, -31.2380, -60.8314 Background



This preview shows how black text looks on a background with the YUV color 197.3630, -31.2380, -60.8314.



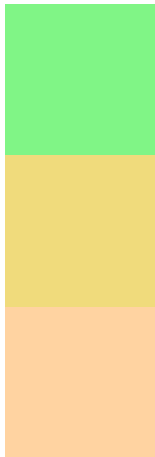
This preview shows how white text looks on a background with the YUV color 197.3630, -31.2380, -60.8314.

-60.8314.

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

197.3630, -31.2380, -60.8314

Protanopia

214.4490, -44.5914, 22.4082

Deuteranopia

218.4560, -28.3258, 32.0491



Tritanopia

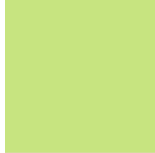
210.4310, 19.5075, -50.3670

Trichromacy



Original Color

197.3630, -31.2380, -60.8314



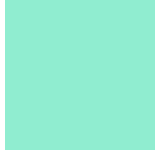
Protanomaly

207.9290, -39.4050, -7.8307



Deuteranomaly

210.6060, -29.3858, -1.4085



Tritanomaly

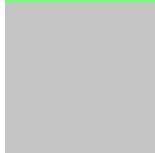
205.8870, 1.0417, -54.2749

Monochromacy



Original Color

197.3630, -31.2380, -60.8314



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.8820, -11.2808, -21.8215

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.3630, -31.2380, -60.8314 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(128, 245, 134)` looks like.

```
.text, #text, p{  
    color:rgb(128, 245, 134)  
}
```

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(128, 245, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 245, 134) }
```

Border

The CSS property to change the border of an element to YUV 197.3630, -31.2380, -60.8314 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(128, 245, 134) }
```


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

```
.border{ border-color:rgb(128, 245, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 245, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 245, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 245, 134);  
box-shadow:4px 4px 4px 4px rgb(128, 245,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 197.3630, -31.2380, -60.8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 245, 134) }
```

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

```
.background{ background-color: rgb(128,  
245, 134) }
```

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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