

Converting Colors

YUV(190.8430, 28.1784,
-31.4343)

Have a look what the booklet for
YUV(190.8430, 28.1784, -31.4343)
contains.

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Color

**YUV(190.8430, 28.1784,
-31.4343)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC6F8
RGB	155, 198, 248
RGB Percent	61%, 78%, 97%
CMY	0.3922, 0.2235, 0.0275
CMYK	0.38, 0.20, 0.00, 0.03
HSL	212°, 87%, 79%
HSV	212°, 38%, 97%
XYZ	50.6549, 54.1340, 96.5861
YIQ	190.8430, -41.6780, 6.4340

Conversions

Conversions Part 2

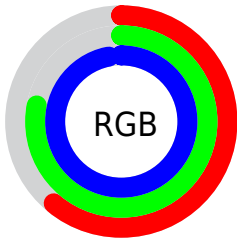
Format	Color
R _Y B	155, 184, 248
Decimal	10209016
CIE Lab	78.54, -2.12, -29.17
CIE LCh	79, 29.245, 265.848
Yxy	54.1340, 0.2515, 0.2688
Android (android.graphics.Color)	4288399096 (0xFF9BC6F8)
YUV	190.8430, 28.1784, -31.4343
Hunter-Lab	73.5758, -5.8654, -26.3294

Details

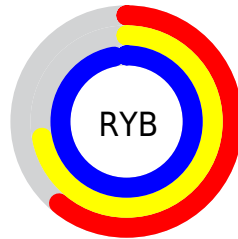
The YUV color **190.8430, 28.1784, -31.4343** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **212.1570, -28.1784, 31.4343**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **136.2020, 27.0154, -31.7492** is the 20% darker color. If you saturate the color by 10%, you get **175.7370, 35.6257, -40.1113**, and if you desaturate by 10%, it is **205.9490, 20.7311, -22.7573**.

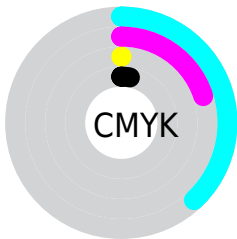
Distribution



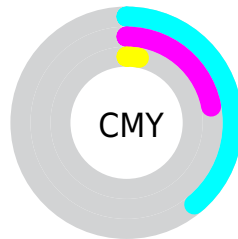
- Red (61%)
- Green (78%)
- Blue (97%)



- Red (61%)
- Yellow (72%)
- Blue (97%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.8430, 28.1784, -31.4343 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 190.8430, 28.1784, -31.4343 by changing the saturation by 10% instead.

■ 190.8430, 28.1784,
-31.4343

■ 190.8430, 28.1784,
-31.4343

255.0000, 0.0000,
0.0000

■ 163.3160, 27.4522,
-31.8491

■ 242.1430, 6.3385,
-26.4354

■ 136.2020, 27.0154,
-31.7492

■ 250.8140, 2.0637,
-8.6069

■ 110.3760, 26.4366,
-32.7788

■ 84.0660, 26.5895,
-35.1379

■ 55.3420, 27.9324,
-45.9039

■ 38.6810, 23.8213,
-33.9232

■ 23.7320, 19.8521,

-20.8130

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 190.8430, 28.1784,
-31.4343

■ 190.8430, 28.1784,
-31.4343

■ 175.7370, 35.6257,
-40.1113

■ 205.9490, 20.7311,
-22.7573

■ 160.0440, 43.3623,
-48.2736

■ 221.6420, 12.9945,
-14.5950

■ 145.2370, 50.6622,
-56.3358

■ 236.4490, 5.6946,
-6.5328

■ 130.1310, 58.1094,
-65.0129

■ 251.5550, -1.7526,
2.1443

■ 114.4380, 65.8461,
-73.1751

■ 254.2020, -3.0576,
0.6998

■ 99.3320, 73.2933,
-81.8522

■ 95.7770, 75.0459,
-83.9964

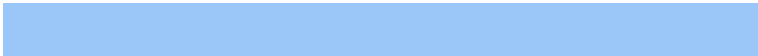
Harmonies

Analogous

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



184.2440, 26.5017, -53.7110



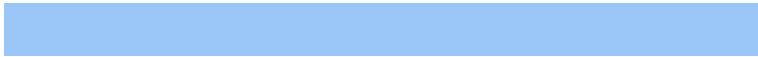
190.8430, 28.1784, -31.4343



196.3520, 22.9975, -2.9397

Triad

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



190.8430, 28.1784, -31.4343



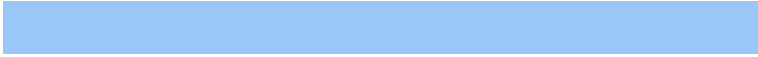
197.3710, -12.5079, 45.2786



186.7460, -11.7068, -25.2102

Complementary

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



190.8430, 28.1784, -31.4343



212.1570, -28.1784, 31.4343

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.



190.4410, -22.4024, -1.2638



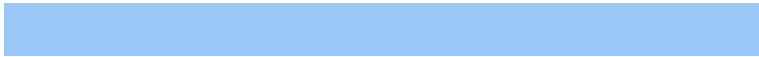
190.8430, 28.1784, -31.4343



195.3950, -22.3797, 38.2416

Square

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



190.8430, 28.1784, -31.4343



198.6660, 0.1647, 40.6349



193.2590, -26.2567, 21.6979



182.8000, 3.0566, -47.1826

Rectangle

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



190.8430, 28.1784, -31.4343



198.4530, 16.5387, 15.3887



193.2590, -26.2567, 21.6979



187.7640, -15.6597, -17.3330

Sweetspot

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



190.8430, 28.1784, -31.4343



237.8230, 8.4683, -9.4918



215.2910, -5.0735, -52.8752



117.6340, 5.1104, -5.8180



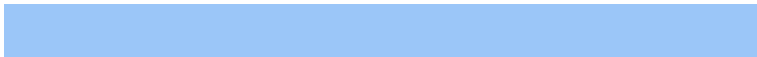
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



190.8430, 28.1784, -31.4343



184.2210, 34.8940, -38.7818



166.4990, 40.1800, -7.4536



117.0040, 3.9420, -4.3885



72.6150, 57.3778, -63.6834



23.3900, 18.5417, -20.5130

Inverse Universe

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



187.7090, 5.0735, 52.8752



180.4270, 6.1985, 65.4005



236.5010, -40.1800, 7.4536



116.5710, 0.7045, 7.3922



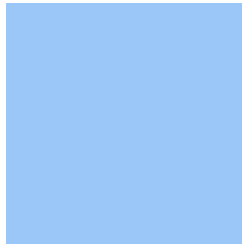
66.4290, 10.1415, 107.4948



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 190.8430, 28.1784, -31.4343 looks on a white background.

Color Contrast Check

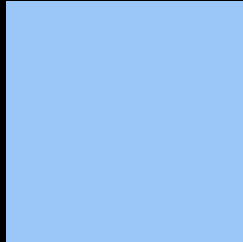
Large Text (above 18pt) WCAG AA × Fail

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 190.8430, 28.1784, -31.4343 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

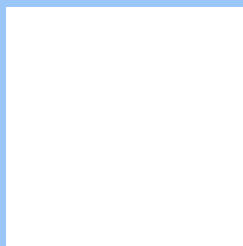
Any Text WCAG AAA ✓ Pass

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

YUV 190.8430, 28.1784, -31.4343 Background



This preview shows how black text looks on a background with the YUV color 190.8430, 28.1784, -31.4343.



This preview shows how white text looks on a background with the YUV color 190.8430, 28.1784, -31.4343.

-31.4343.

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

190.8430, 28.1784, -31.4343

Protanopia

194.6390, 24.3350, -11.9614

Deuteranopia

194.7470, 27.2397, -10.3021



Tritanopia

188.3790, 15.0962, -35.4124

Trichromacy



Original Color

190.8430, 28.1784, -31.4343

Protanomaly

193.2360, 25.5197, -18.6240

Deuteranomaly

193.4040, 27.4088, -17.8943

Tritanomaly

189.3560, 20.0375, -33.6382

Monochromacy



Original Color

190.8430, 28.1784, -31.4343

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.8430, 28.1784, -31.4343 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(155, 198, 248)` looks like.

```
.text, #text, p{  
    color:rgb(155, 198, 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(155, 198, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 198, 248) }
```

Border

The CSS property to change the border of an element to YUV 190.8430, 28.1784, -31.4343 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

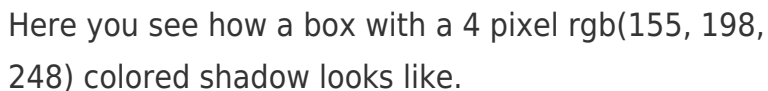
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 198, 248) }
```


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

```
.border{ border-color:rgb(155, 198, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 198, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 198, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 198, 248); box-shadow:4px 4px 4px 4px rgb(155, 198, 248) }
```

Background

The CSS property to change the background color of an element to YUV 190.8430, 28.1784, -31.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 198, 248) }
```

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

```
.background{ background-color: rgb(155,  
198, 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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