

Converting Colors

YUV(187.3700, 28.9046,
-31.0195)

Have a look what the booklet for
YUV(187.3700, 28.9046, -31.0195)
contains.

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Color

**YUV(187.3700, 28.9046,
-31.0195)**

Conversions

Conversions Part 1

Format	Color
Hex	98C2F6
RGB	152, 194, 246
RGB Percent	60%, 76%, 96%
CMY	0.4039, 0.2392, 0.0353
CMYK	0.38, 0.21, 0.00, 0.04
HSL	213°, 84%, 78%
HSV	213°, 38%, 96%
XYZ	48.8752, 51.9128, 94.6329
YIQ	187.3700, -41.7240, 7.2680

Conversions

Conversions Part 2

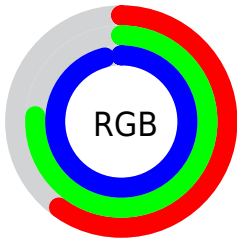
Format	Color
RYB	152, 181, 246
Decimal	10011382
CIELab	77.23, -1.27, -30.12
CIELCh	77, 30.152, 267.586
Yxy	51.9128, 0.2501, 0.2656
Android (android.graphics.Color)	4288201462 (0xFF98C2F6)
YUV	187.3700, 28.9046, -31.0195
Hunter-Lab	72.0505, -5.0036, -27.4376

Details

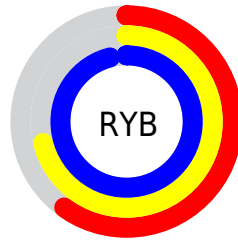
The YUV color $187.3700, 28.9046, -31.0195$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $210.6300, -28.9046, 31.0195$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.3110, 8.2277, -25.7057$, and $133.4300, 27.8890, -31.9491$ is the 20% darker color. If you saturate the color by 10%, you get $171.6770, 36.6412, -39.1817$, and if you desaturate by 10%, it is $203.0630, 21.1679, -22.8573$.

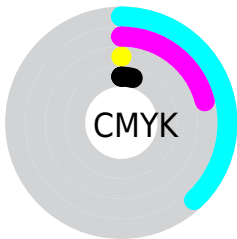
Distribution



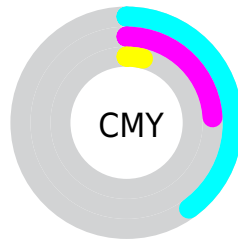
- Red (60%)
- Green (76%)
- Blue (96%)



- Red (60%)
- Yellow (71%)
- Blue (96%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3700, 28.9046, -31.0195 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 187.3700, 28.9046, -31.0195 by changing the saturation by 10% instead.

■ 187.3700, 28.9046,
-31.0195

■ 187.3700, 28.9046,
-31.0195

255.0000, 0.0000,
0.0000

■ 159.8430, 28.1784,
-31.4343

■ 238.3110, 8.2277,
-25.7057

■ 133.4300, 27.8890,
-31.9491

■ 249.9170, 2.5059,
-10.4512

■ 106.6040, 27.3102,
-32.9787

■ 80.8810, 27.1737,
-35.8526

■ 51.8690, 28.6586,
-45.4891

■ 36.8060, 24.2526,
-32.2789

■ 21.7430, 19.8467,

-19.0686

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 187.3700, 28.9046,
-31.0195

■ 187.3700, 28.9046,
-31.0195

■ 171.6770, 36.6412,
-39.1817

■ 203.0630, 21.1679,
-22.8573

■ 156.8700, 43.9411,
-47.2440

■ 217.8700, 13.8681,
-14.7950

■ 141.1770, 51.6777,
-55.4062

■ 233.5630, 6.1314,
-6.6328

■ 126.3700, 58.9776,
-63.4685

■ 248.3700, -1.1684,
1.4295

■ 110.6770, 66.7142,
-71.6307

■ 253.9740, -3.9312,
0.8998

■ 94.9840, 74.4509,
-79.7930

■ 92.6140, 75.6193,
-81.2225

Harmonies

Analogous

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



180.5750, 27.8175, -55.7553



187.3700, 28.9046, -31.0195



192.7760, 23.2814, -0.6806

Triad

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



187.3700, 28.9046, -31.0195



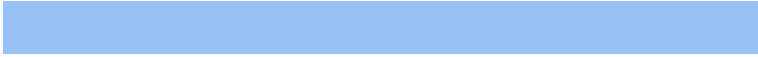
193.7410, -13.6763, 46.7081



182.5500, -11.1172, -27.6694

Complementary

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



187.3700, 28.9046, -31.0195



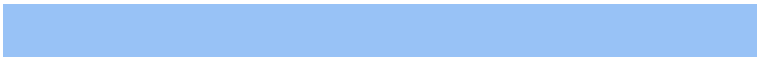
210.6300, -28.9046, 31.0195

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.



186.7290, -22.5444, -2.3933



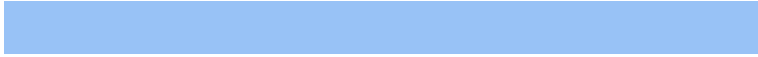
187.3700, 28.9046, -31.0195



191.8680, -23.1059, 37.8268

Square

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



187.3700, 28.9046, -31.0195



194.5630, -0.2776, 42.4792



189.4330, -26.8355, 20.6683



178.4190, 4.2304, -50.3565

Rectangle

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



187.3700, 28.9046, -31.0195



194.8770, 16.8226, 17.6479



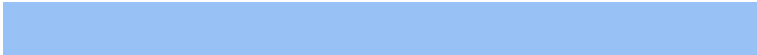
189.4330, -26.8355, 20.6683



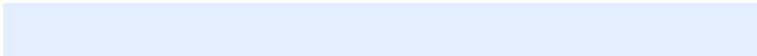
183.7530, -15.6542, -19.0774

Sweetspot

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



187.3700, 28.9046, -31.0195



237.2360, 8.7577, -8.9770



213.1060, -4.4893, -53.5900



117.0470, 5.3998, -5.3032



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.



187.3700, 28.9046, -31.0195



181.8620, 36.0570, -38.4670



164.2110, 40.3220, -6.3240



114.8900, 3.5052, -4.2885



69.9250, 57.2250, -61.3242



21.9880, 18.2469, -19.2835

Inverse Universe

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



184.8940, 4.4893, 53.5900



178.9110, 5.4669, 66.7301



233.7890, -40.3220, 6.3240



114.2720, 0.8519, 6.7775



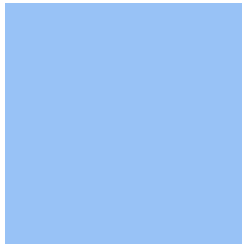
65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 187.3700, 28.9046, -31.0195 looks on a white background.

Color Contrast Check

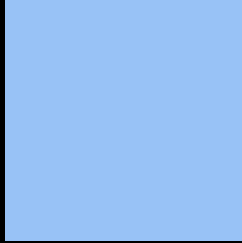
Large Text (above 18pt) WCAG AA × Fail

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 187.3700, 28.9046, -31.0195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

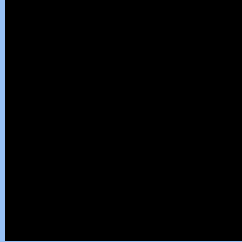
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

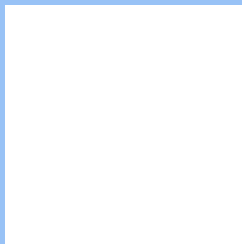
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.3700, 28.9046, -31.0195

Background



This preview shows how black text looks on a background with the YUV color 187.3700, 28.9046, -31.0195.



This preview shows how white text looks on a background with the YUV color 187.3700, 28.9046, -31.0195.

-31.0195.

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

187.3700, 28.9046, -31.0195

Protanopia

190.8670, 25.2086, -12.1614

Deuteranopia

191.2630, 27.9713, -11.6317



Tritanopia

184.3790, 15.0962, -35.4124

Trichromacy



Original Color

187.3700, 28.9046, -31.0195

Protanomaly

189.4640, 26.3932, -18.8239

Deuteranomaly

190.2190, 27.9930, -18.6091

Tritanomaly

185.3560, 20.0375, -33.6382

Monochromacy



Original Color

187.3700, 28.9046, -31.0195

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2680, 10.2209, -11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3700, 28.9046, -31.0195 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(152, 194, 246)` looks like.

```
.text, #text, p{  
    color:rgb(152, 194, 246)  
}
```

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(152, 194, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 194, 246) }
```

Border

The CSS property to change the border of an element to YUV 187.3700, 28.9046, -31.0195 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(152, 194, 246) }
```


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

```
.border{ border-color:rgb(152, 194, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 194, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 194, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 194, 246);  
box-shadow:4px 4px 4px 4px rgb(152, 194,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 187.3700, 28.9046, -31.0195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 194, 246) }
```

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

```
.background{ background-color: rgb(152,  
194, 246) }
```

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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