

Converting Colors

YUV(196.2380, 28.9697,
-51.9517)

Have a look what the booklet for
YUV(196.2380, 28.9697, -51.9517)
contains.

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Color

**YUV(196.2380, 28.9697,
-51.9517)**

Conversions

Conversions Part 1

Format	Color
Hex	89D7FF
RGB	137, 215, 255
RGB Percent	54%, 84%, 100%
CMY	0.4627, 0.1569, 0.0000
CMYK	0.46, 0.16, 0.00, 0.00
HSL	200°, 100%, 77%
HSV	200°, 46%, 100%
XYZ	52.6670, 61.1392, 103.6330
YIQ	196.2380, -59.3280, -4.0960

Conversions

Conversions Part 2

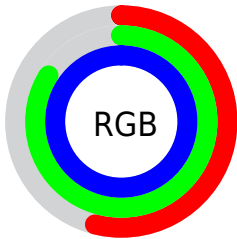
Format	Color
RYB	137, 184, 255
Decimal	9033727
CIELab	82.45, -13.69, -26.98
CIELCh	82, 30.258, 243.102
Yxy	61.1392, 0.2422, 0.2812
Android (android.graphics.Color)	4287223807 (0xFF89D7FF)
YUV	196.2380, 28.9697, -51.9517
Hunter-Lab	78.1916, -16.6043, -23.8472

Details

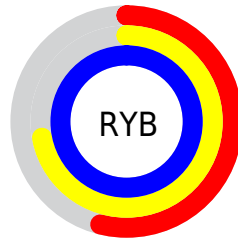
The YUV color **196.2380, 28.9697, -51.9517** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **195.7620, -28.9697, 51.9517**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **139.8140, 28.6857, -54.2109** is the 20% darker color. If you saturate the color by 10%, you get **183.4800, 35.2594, -62.6880**, and if you desaturate by 10%, it is **209.2950, 22.5326, -40.6007**.

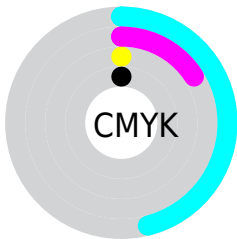
Distribution



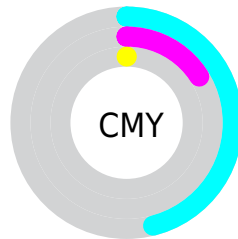
- Red (54%)
- Green (84%)
- Blue (100%)



- Red (54%)
- Yellow (72%)
- Blue (100%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2380, 28.9697, -51.9517 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 196.2380, 28.9697, -51.9517 by changing the saturation by 10% instead.

■ 196.2380, 28.9697,
-51.9517

■ 196.2380, 28.9697,
-51.9517

■ 255.0000, 0.0000,
0.0000

■ 167.8250, 28.6803,
-52.4665

■ 237.0600, 8.8444,
-36.8866

■ 139.8140, 28.6857,
-54.2109

■ 246.0300, 4.4222,
-18.4433

■ 111.6070, 29.2807,
-58.4143

■ 80.3990, 31.3553,
-70.5099

■ 62.7600, 27.2333,
-55.0405

■ 46.5230, 23.4062,
-40.8007

■ 30.8730, 19.2896,

-27.0756

■ 15.9240, 15.3205,
-13.9653

■ 3.5510, 11.0674,
-3.1142

■ 196.2380, 28.9697,
-51.9517

■ 196.2380, 28.9697,
-51.9517

■ 183.4800, 35.2594,
-62.6880

■ 209.2950, 22.5326,
-40.6007

■ 171.0100, 41.4071,
-74.5538

■ 221.4660, 16.5323,
-29.3497

■ 157.9530, 47.8442,
-85.9048

■ 234.5230, 10.0952,
-17.9987

■ 145.1950, 54.1339,
-96.6410

■ 247.2810, 3.8055,
-7.2624

■ 132.7250, 60.2816, 255.0000, 0.0000,
-108.5068 0.0000

■ 128.2730, 62.4764,
-112.4954

Harmonies

Analogous

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



191.8100, 21.2927, -62.9774



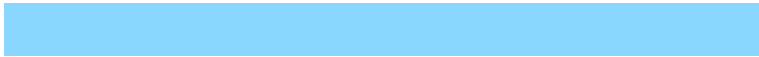
196.2380, 28.9697, -51.9517



202.6050, 25.8307, -25.0866

Triad

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



196.2380, 28.9697, -51.9517



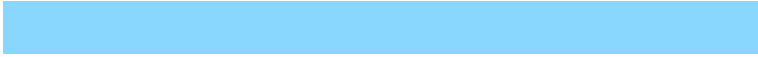
207.3950, -2.1667, 41.7496



200.3370, -21.3651, -7.3115

Complementary

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



196.2380, 28.9697, -51.9517



195.7620, -28.9697, 51.9517

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.



203.2970, -27.2614, 17.2795



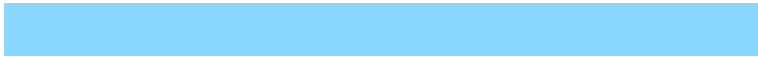
196.2380, 28.9697, -51.9517



205.9640, -15.2653, 43.0046

Square

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



196.2380, 28.9697, -51.9517



209.6460, 10.5275, 30.1285



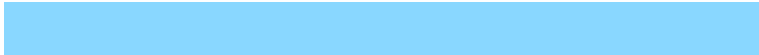
205.9880, -25.1371, 35.9675



196.5000, -8.6275, -32.8875

Rectangle

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



196.2380, 28.9697, -51.9517



206.5690, 23.8765, -4.8840



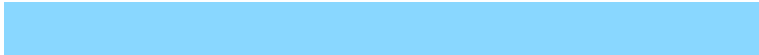
205.9880, -25.1371, 35.9675



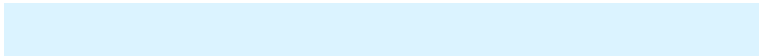
201.2950, -24.3024, 1.4953

Sweetspot

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



196.2380, 28.9697, -51.9517



237.1920, 8.7793, -15.9544



210.7120, -17.1130, -64.6454



116.7260, 5.5581, -9.4067



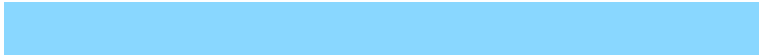
0.0000, 0.0000, 0.0000



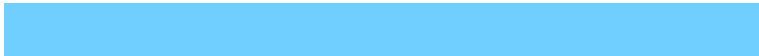
128.0000, 0.0000, 0.0000

Same Dimension

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



196.2380, 28.9697, -51.9517



184.0670, 34.9700, -63.2028



162.1920, 45.7543, -22.0934



121.1780, 3.3632, -5.4181



95.7360, 46.9652, -83.9605



31.9500, 15.8006, -28.0202

Inverse Universe

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



181.1740, 16.6762, 64.7454



165.5870, 20.4166, 78.4152



229.8080, -45.7543, 22.0934



119.7990, 1.5781, 7.1923



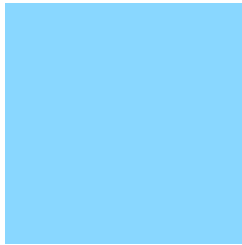
71.4730, 26.8818, 104.8252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 196.2380, 28.9697, -51.9517 looks on a white background.

Color Contrast Check

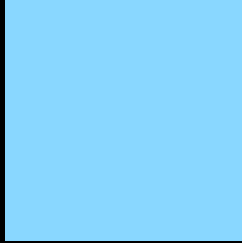
Large Text (above 18pt) WCAG AA × Fail

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 196.2380, 28.9697, -51.9517 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

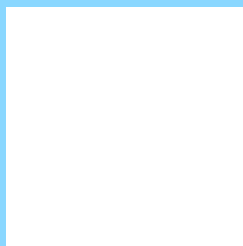
Any Text WCAG AAA ✓ Pass

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

YUV 196.2380, 28.9697, -51.9517 Background



This preview shows how black text looks on a background with the YUV color 196.2380, 28.9697, -51.9517.



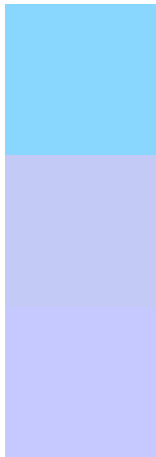
This preview shows how white text looks on a background with the YUV color 196.2380, 28.9697, -51.9517.

-51.9517.

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

196.2380, 28.9697, -51.9517

Protanopia

204.9230, 20.2510, -8.7025

Deuteranopia

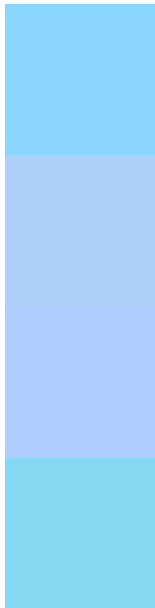
205.9600, 24.1767, -7.8579



Tritanopia

194.0390, 20.6868, -55.2852

Trichromacy



Original Color

196.2380, 28.9697, -51.9517

Protanomaly

201.9210, 23.2099, -24.4867

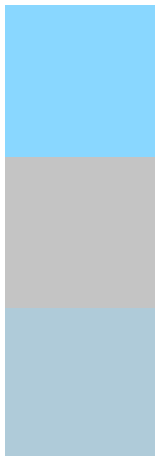
Deuteranomaly

202.3170, 25.9727, -23.9570

Tritanomaly

194.8480, 23.7389, -54.2407

Monochromacy



Original Color

196.2380, 28.9697, -51.9517

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2240, 10.2426, -18.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2380, 28.9697, -51.9517 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(137, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 215, 255)  
}
```

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(137, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 215, 255) }
```

Border

The CSS property to change the border of an element to YUV 196.2380, 28.9697, -51.9517 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(137, 215, 255) }
```


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

```
.border{ border-color:rgb(137, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 215,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 196.2380, 28.9697, -51.9517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 215, 255) }
```

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

```
.background{ background-color: rgb(137,  
215, 255) }
```

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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