

Converting Colors

YUV(187.3450, 29.9029,
-71.3396)

Have a look what the booklet for
YUV(187.3450, 29.9029, -71.3396)
contains.

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Color

**YUV(187.3450, 29.9029,
-71.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD9F8
RGB	106, 217, 248
RGB Percent	42%, 85%, 97%
CMY	0.5843, 0.1490, 0.0275
CMYK	0.57, 0.13, 0.00, 0.03
HSL	193°, 91%, 69%
HSV	193°, 57%, 97%
XYZ	47.7000, 59.4672, 97.7712
YIQ	187.3450, -76.1070, -13.8910

Conversions

Conversions Part 2

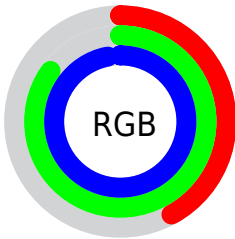
Format	Color
RYB	106, 168, 248
Decimal	7002616
CIELab	81.55, -23.12, -24.77
CIELCh	82, 33.882, 226.964
Yxy	59.4672, 0.2328, 0.2902
Android (android.graphics.Color)	4285192696 (0xFF6AD9F8)
YUV	187.3450, 29.9029, -71.3396
Hunter-Lab	77.1150, -24.5388, -21.1911

Details

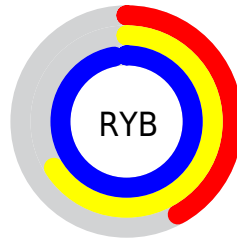
The YUV color **187.3450, 29.9029, -71.3396** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **166.6550, -29.9029, 71.3396**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **125.9520, 32.5617, -84.1499** is the 20% darker color. If you saturate the color by 10%, you get **176.9350, 35.0350, -84.1350**, and if you desaturate by 10%, it is **197.7550, 24.7708, -58.5441**.

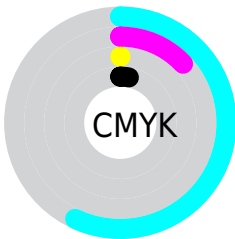
Distribution



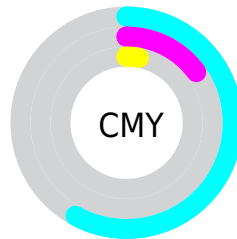
- Red (42%)
- Green (85%)
- Blue (97%)



- Red (42%)
- Yellow (66%)
- Blue (97%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (58%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3450, 29.9029, -71.3396 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 187.3450, 29.9029, -71.3396 by changing the saturation by 10% instead.

187.3450, 29.9029,
-71.3396

187.3450, 29.9029,
-71.3396

255.0000, 0.0000,
0.0000

157.7360, 30.2032,
-74.3135

228.6880, 12.9718,
-54.1004

125.9520, 32.5617,
-84.1499

237.9570, 8.4022,
-35.0423

98.5280, 32.2777,
-86.4091

246.9270, 3.9800,
-16.5990

80.3020, 28.4451,
-70.4249

62.6630, 24.3231,
-54.9555

46.4260, 20.4960,
-40.7156

30.7760, 16.3794,

-26.9906

■ 12.4190, 14.5834,
-10.8915

■ 2.9810, 8.8834,
-2.6143

■ 187.3450, 29.9029,
-71.3396

■ 187.3450, 29.9029,
-71.3396

■ 176.9350, 35.0350,
-84.1350

■ 197.7550, 24.7708,
-58.5441

■ 165.9380, 40.4566,
-96.4156

■ 208.7520, 19.3493,
-46.2635

■ 155.8270, 45.4413,
-108.5963

■ 218.8630, 14.3645,
-34.0829

■ 144.8300, 50.8628,
-120.8769

■ 229.8600, 8.9430,
-21.8022

■ 142.1500, 52.1840,
-124.6656

■ 240.2700, 3.8109,
-9.0068

■ 250.6800, -1.3212,
3.7886

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

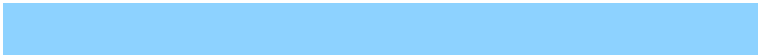
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.6150, 16.9518, -70.6994



187.3450, 29.9029, -71.3396



194.4990, 29.8270, -46.9186

Triad

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



187.3450, 29.9029, -71.3396



206.7570, 5.5428, 42.3091



198.8890, -28.5393, 7.1133

Complementary

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



187.3450, 29.9029, -71.3396



166.6550, -29.9029, 71.3396

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.



202.2880, -30.2150, 31.3194



187.3450, 29.9029, -71.3396



203.1090, -8.4347, 45.5084

Square

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



187.3450, 29.9029, -71.3396



206.8710, 19.2906, 19.4071



203.4390, -22.4014, 45.2190



195.3460, -18.4116, -21.3514

Rectangle

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



187.3450, 29.9029, -71.3396



199.6590, 27.2831, -24.2569



203.4390, -22.4014, 45.2190



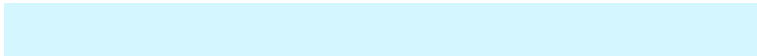
200.1890, -30.1662, 15.6202

Sweetspot

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



187.3450, 29.9029, -71.3396



236.8600, 8.9430, -21.8022



192.8880, -27.5528, -76.2008



116.7040, 5.5689, -12.8954



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.



187.3450, 29.9029, -71.3396



180.0700, 36.9405, -88.6384



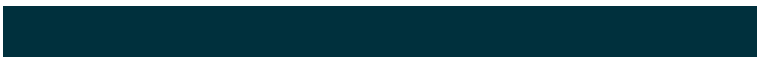
145.6680, 50.4497, -34.7888



119.3520, 2.7845, -6.4477



108.4220, 39.7250, -95.0861



35.1300, 12.7539, -30.8090

Inverse Universe

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



161.1120, 27.5528, 76.2008



147.3560, 34.3345, 94.4038



208.3320, -50.4497, 34.7888



117.0270, 2.4517, 6.9923



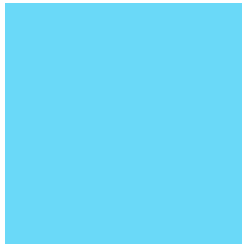
73.3830, 36.7862, 101.3961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 187.3450, 29.9029, -71.3396 looks on a white background.

Color Contrast Check

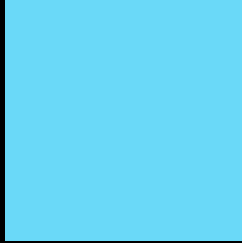
Large Text (above 18pt) WCAG AA × Fail

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 187.3450, 29.9029, -71.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

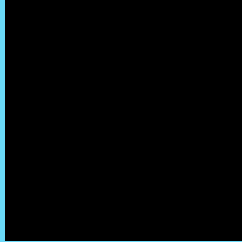
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.3450, 29.9029, -71.3396

Background



This preview shows how black text looks on a background with the YUV color 187.3450, 29.9029, -71.3396.



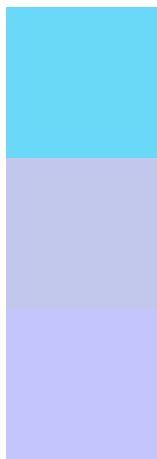
This preview shows how white text looks on a background with the YUV color 187.3450, 29.9029, -71.3396.

-71.3396.

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

187.3450, 29.9029, -71.3396

Protanopia

202.3100, 16.6092, -7.2879

Deuteranopia

202.6720, 24.3187, -6.7283



Tritanopia

185.7700, 25.2564, -74.3433

Trichromacy



Original Color

187.3450, 29.9029, -71.3396

Protanomaly

196.7200, 21.3370, -30.4494

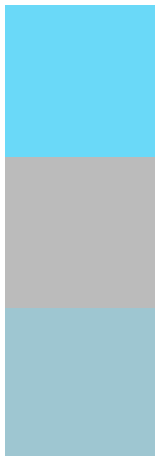
Deuteranomaly

197.0990, 26.5732, -29.9048

Tritanomaly

186.2370, 26.9982, -72.9988

Monochromacy



Original Color

187.3450, 29.9029, -71.3396

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2940, 10.7011, -25.6908

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3450, 29.9029, -71.3396 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(106, 217, 248)` looks like.

```
.text, #text, p{  
    color:rgb(106, 217, 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(106, 217, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 217, 248) }
```

Border

The CSS property to change the border of an element to YUV 187.3450, 29.9029, -71.3396 is called "border".

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

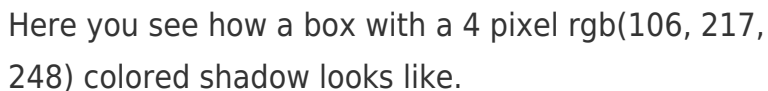
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 217, 248) }
```


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

```
.border{ border-color:rgb(106, 217, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 217, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 217, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 217, 248); box-shadow:4px 4px 4px 4px rgb(106, 217, 248) }
```

Background

The CSS property to change the background color of an element to YUV 187.3450, 29.9029, -71.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 217, 248) }
```

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

```
.background{ background-color: rgb(106,  
217, 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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