

Converting Colors

YUV(184.7280, 29.2211,
-39.2265)

Have a look what the booklet for
YUV(184.7280, 29.2211, -39.2265)
contains.

YUV(184.7280, 29.2211, -39.2265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(184.7280, 29.2211,
-39.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC4F4
RGB	140, 196, 244
RGB Percent	55%, 77%, 96%
CMY	0.4510, 0.2314, 0.0431
CMYK	0.43, 0.20, 0.00, 0.04
HSL	208°, 83%, 75%
HSV	208°, 43%, 96%
XYZ	46.8843, 51.5870, 93.0742
YIQ	184.7280, -48.7840, 3.0560

Conversions

Conversions Part 2

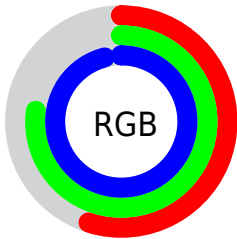
Format	Color
R _Y B	140, 176, 244
Decimal	9225460
CIE Lab	77.03, -5.94, -29.41
CIE LCh	77, 30.003, 258.577
Yxy	51.5870, 0.2448, 0.2693
Android (android.graphics.Color)	4287415540 (0xFF8CC4F4)
YUV	184.7280, 29.2211, -39.2265
Hunter-Lab	71.8241, -9.1734, -26.5549

Details

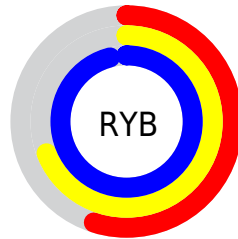
The YUV color **184.7280, 29.2211, -39.2265** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **199.2720, -29.2211, 39.2265**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4840, 9.1284, -34.6275**, and **129.9020, 28.6423, -40.2561** is the 20% darker color. If you saturate the color by 10%, you get **171.0950, 35.9422, -48.3183**, and if you desaturate by 10%, it is **198.3610, 22.5000, -30.1346**.

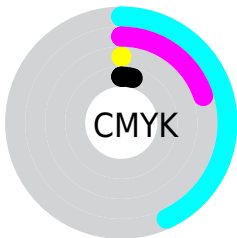
Distribution



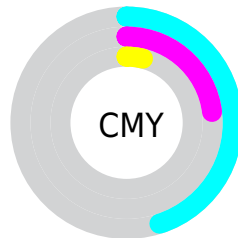
- Red (55%)
- Green (77%)
- Blue (96%)



- Red (55%)
- Yellow (69%)
- Blue (96%)



- Cyan (43%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.7280, 29.2211, -39.2265 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 184.7280, 29.2211, -39.2265 by changing the saturation by 10% instead.

■ 184.7280, 29.2211,
-39.2265

■ 184.7280, 29.2211,
-39.2265

255.0000, 0.0000,
0.0000

■ 157.2010, 28.4949,
-39.6413

■ 236.4840, 9.1284,
-34.6275

■ 129.9020, 28.6423,
-40.2561

■ 246.3290, 4.2748,
-17.8285

■ 103.1790, 28.5058,
-43.1300

■ 74.0640, 29.5484,
-50.9221

■ 52.9290, 27.6430,
-46.4187

■ 37.1650, 23.0897,
-32.5937

■ 22.8030, 18.8311,

-19.9982

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 184.7280, 29.2211,
-39.2265

■ 184.7280, 29.2211,
-39.2265

■ 171.0950, 35.9422,
-48.3183

■ 198.3610, 22.5000,
-30.1346

■ 156.5760, 43.1000,
-57.5102

■ 212.8800, 15.3422,
-20.9428

■ 142.9430, 49.8211,
-66.6020

■ 226.5130, 8.6211,
-11.8509

■ 129.0110, 56.6896,
-76.3086

■ 240.4450, 1.7526,
-2.1443

■ 115.3780, 63.4106,
-85.4005

■ 251.9850, -3.9366,
2.6442

■ 104.7130, 68.6685,
-91.8333

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



178.3850, 25.9392, -59.9736



184.7280, 29.2211, -39.2265



191.2910, 25.4925, -9.9022

Triad

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



184.7280, 29.2211, -39.2265



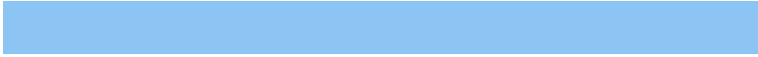
193.1800, -9.4557, 46.3231



183.5680, -15.0700, -19.7921

Complementary

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



184.7280, 29.2211, -39.2265



199.2720, -29.2211, 39.2265

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.



186.9040, -24.6027, 4.4692



184.7280, 29.2211, -39.2265



191.8730, -20.6434, 41.3304

Square

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



184.7280, 29.2211, -39.2265



194.8660, 3.5171, 38.7055



189.8790, -26.5623, 26.4161



179.1980, -0.5906, -44.0236

Rectangle

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



184.7280, 29.2211, -39.2265



193.3320, 20.0493, 9.3558



189.8790, -26.5623, 26.4161



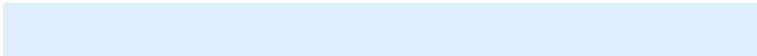
184.5860, -19.0229, -11.9149

Sweetspot

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



184.7280, 29.2211, -39.2265



236.3280, 9.2053, -12.5657



206.4060, -9.5672, -58.2381



115.8510, 5.9895, -7.7623



0.0000, 0.0000, 0.0000



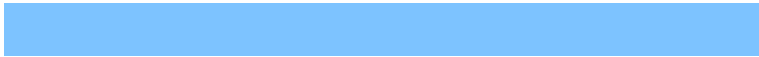
128.0000, 0.0000, 0.0000

Same Dimension

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



184.7280, 29.2211, -39.2265



180.9100, 36.5264, -49.0331



154.7910, 43.9800, -12.9717



115.4770, 3.2158, -4.8033



79.9040, 52.3053, -70.0758



25.5100, 16.5106, -22.3723

Inverse Universe

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



177.4800, 9.1304, 58.3380



171.8500, 11.4130, 72.9226



229.2090, -43.9800, 12.9717



114.3860, 1.2887, 6.6775



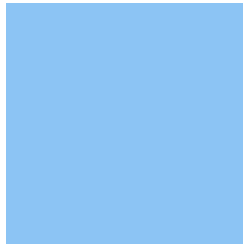
67.0140, 16.2621, 104.3507



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 184.7280, 29.2211, -39.2265 looks on a white background.

Color Contrast Check

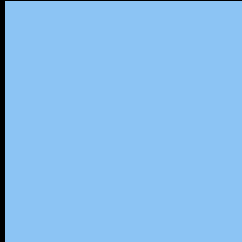
Large Text (above 18pt) WCAG AA × Fail

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 184.7280, 29.2211, -39.2265 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

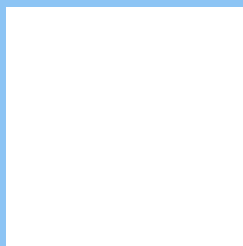
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 184.7280, 29.2211, -39.2265

Background



This preview shows how black text looks on a background with the YUV color 184.7280, 29.2211, -39.2265.



This preview shows how white text looks on a background with the YUV color 184.7280, 29.2211, -39.2265.

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

184.7280, 29.2211, -39.2265

Protanopia

190.4110, 23.4614, -11.7614

Deuteranopia

190.4480, 27.3871, -10.9169



Tritanopia

182.4920, 17.0124, -43.4045

Trichromacy



Original Color

184.7280, 29.2211, -39.2265

Protanomaly

188.5130, 25.3831, -21.4979

Deuteranomaly

188.4960, 27.8565, -21.4830

Tritanomaly

183.3550, 21.5170, -41.5303

Monochromacy



Original Color

184.7280, 29.2211, -39.2265

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.7280, 29.2211, -39.2265 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(140, 196, 244)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 244)  
}
```

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(140, 196, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 244) }
```

Border

The CSS property to change the border of an element to YUV 184.7280, 29.2211, -39.2265 is called "border".

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

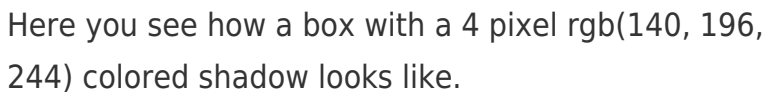
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 196, 244) }
```


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

```
.border{ border-color:rgb(140, 196, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 196, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 196, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 196, 244); box-shadow:4px 4px 4px 4px rgb(140, 196, 244) }
```

Background

The CSS property to change the background color of an element to YUV 184.7280, 29.2211, -39.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 244) }
```

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

```
.background{ background-color: rgb(140,  
196, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor