

Converting Colors

YUV(188.0200, 33.0211,
-44.7445)

Have a look what the booklet for
YUV(188.0200, 33.0211, -44.7445)
contains.

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Color

**YUV(188.0200, 33.0211,
-44.7445)**

Conversions

Conversions Part 1

Format	Color
Hex	89C9FF
RGB	137, 201, 255
RGB Percent	54%, 79%, 100%
CMY	0.4627, 0.2118, 0.0000
CMYK	0.46, 0.21, 0.00, 0.00
HSL	207°, 100%, 77%
HSV	207°, 46%, 100%
XYZ	49.2532, 54.3117, 102.4950
YIQ	188.0200, -55.4780, 3.2260

Conversions

Conversions Part 2

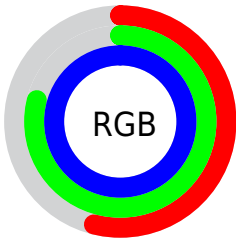
Format	Color
RYB	137, 178, 255
Decimal	9030143
CIELab	78.64, -6.34, -32.83
CIElCh	79, 33.438, 259.076
Yxy	54.3117, 0.2390, 0.2636
Android (android.graphics.Color)	4287220223 (0xFF89C9FF)
YUV	188.0200, 33.0211, -44.7445
Hunter-Lab	73.6964, -9.6728, -30.8714

Details

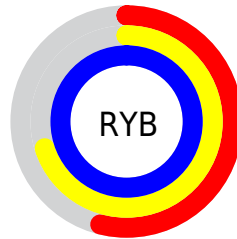
The YUV color **188.0200, 33.0211, -44.7445** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **203.9800, -33.0211, 44.7445**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **132.4820, 32.3004, -46.9037** is the 20% darker color. If you saturate the color by 10%, you get **173.5010, 40.1790, -53.9364**, and if you desaturate by 10%, it is **202.8380, 25.7159, -34.9379**.

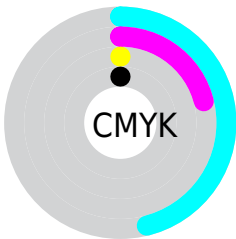
Distribution



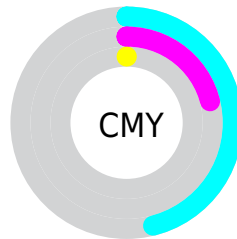
- Red (54%)
- Green (79%)
- Blue (100%)



- Red (54%)
- Yellow (70%)
- Blue (100%)



- Cyan (46%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0200, 33.0211, -44.7445 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 188.0200, 33.0211, -44.7445 by changing the saturation by 10% instead.

■ 188.0200, 33.0211,
-44.7445

■ 188.0200, 33.0211,
-44.7445

255.0000, 0.0000,
0.0000

■ 160.1940, 32.4424,
-45.7741

■ 237.0600, 8.8444,
-36.8866

■ 132.4820, 32.3004,
-46.9037

■ 245.7310, 4.5696,
-19.0581

■ 104.2750, 32.8954,
-51.1072

254.7010, 0.1474,
-0.6148

■ 73.3550, 34.8280,
-64.3323

■ 56.3030, 30.4166,
-49.3777

■ 40.5390, 25.8633,
-35.5527

■ 25.4760, 21.4573,

-22.3425

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 188.0200, 33.0211,
-44.7445

■ 188.0200, 33.0211,
-44.7445

■ 173.5010, 40.1790,
-53.9364

■ 202.8380, 25.7159,
-34.9379

■ 159.2700, 47.1949,
-64.2578

■ 216.7700, 18.8474,
-25.2313

■ 144.4520, 54.5002,
-74.0644

■ 231.5880, 11.5421,
-15.4247

■ 129.9330, 61.6580,
-83.2562

■ 246.1070, 4.3842,
-6.2328

■ 115.7020, 68.6739, 255.0000, 0.0000,
-93.5777 0.0000

■ 110.0760, 71.4475,
-96.5367

Harmonies

Analogous

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



179.4700, 30.3343, -69.6952



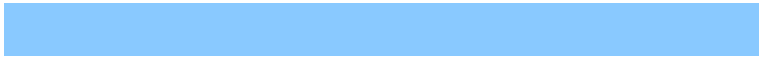
188.0200, 33.0211, -44.7445



195.6760, 28.2607, -11.1169

Triad

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



188.0200, 33.0211, -44.7445



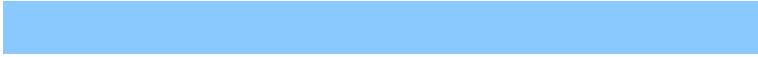
197.2730, -10.4876, 50.6266



187.0900, -16.8064, -22.8809

Complementary

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



188.0200, 33.0211, -44.7445



203.9800, -33.0211, 44.7445

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.



190.8070, -27.5129, 4.5543



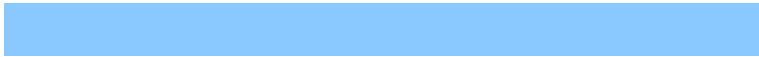
188.0200, 33.0211, -44.7445



196.5100, -23.4224, 46.0337

Square

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



188.0200, 33.0211, -44.7445



199.6000, 3.6482, 43.3238



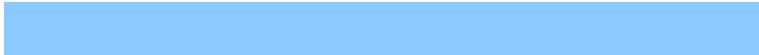
194.0920, -29.6254, 28.8603



181.9800, 0.0099, -49.9715

Rectangle

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



188.0200, 33.0211, -44.7445



198.2120, 22.0805, 11.2151



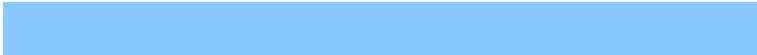
194.0920, -29.6254, 28.8603



188.1190, -20.7647, -13.2594

Sweetspot

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



188.0200, 33.0211, -44.7445



234.8440, 9.9369, -13.8952



212.3080, -10.9978, -66.0451



115.5520, 6.1369, -8.3771



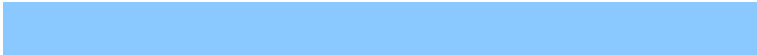
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



188.0200, 33.0211, -44.7445



174.0880, 39.8896, -54.4512



153.9740, 49.8058, -14.8862



120.5910, 3.6526, -4.9033



82.8220, 53.3318, -72.6349



27.8410, 17.8264, -24.4166

Inverse Universe

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



179.5780, 10.5610, 66.1451



163.6490, 12.9910, 80.1148



238.0260, -49.8058, 14.8862



119.6850, 1.1413, 7.2923



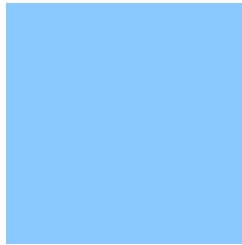
68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 188.0200, 33.0211, -44.7445 looks on a white background.

Color Contrast Check

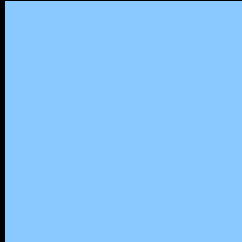
Large Text (above 18pt) WCAG AA × Fail

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 188.0200, 33.0211, -44.7445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

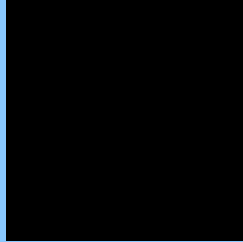
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

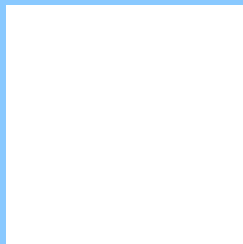
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.0200, 33.0211, -44.7445

Background



This preview shows how black text looks on a background with the YUV color 188.0200, 33.0211, -44.7445.



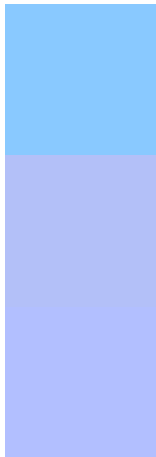
This preview shows how white text looks on a background with the YUV color 188.0200, 33.0211, -44.7445.

-44.7445.

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

188.0200, 33.0211, -44.7445

Protanopia

194.4970, 26.3770, -13.5909

Deuteranopia

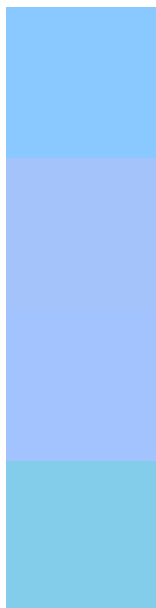
194.4090, 29.8714, -14.3907



Tritanopia

185.2030, 18.6339, -50.1670

Trichromacy



Original Color

188.0200, 33.0211, -44.7445

Protanomaly

192.1150, 29.0303, -24.6569

Deuteranomaly

192.2720, 30.9249, -25.6715

Tritanomaly

186.2940, 24.0121, -48.4928

Monochromacy



Original Color

188.0200, 33.0211, -44.7445

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9900, 11.8369, -16.6542

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0200, 33.0211, -44.7445 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 201, 255) }
```

Border

The CSS property to change the border of an element to YUV 188.0200, 33.0211, -44.7445 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, 201, 255) }
```


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

```
.border{ border-color:rgb(137, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 201,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 188.0200, 33.0211, -44.7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 201, 255) }
```

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

```
.background{ background-color: rgb(137,  
201, 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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