

Converting Colors

YUV(201.8200, 26.2177,
-55.9701)

Have a look what the booklet for
YUV(201.8200, 26.2177, -55.9701)
contains.

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Color

**YUV(201.8200, 26.2177,
-55.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE0FF
RGB	138, 224, 255
RGB Percent	54%, 88%, 100%
CMY	0.4588, 0.1216, 0.0000
CMYK	0.46, 0.12, 0.00, 0.00
HSL	196°, 100%, 77%
HSV	196°, 46%, 100%
XYZ	55.1869, 65.9346, 104.4257
YIQ	201.8200, -61.2070, -8.5910

Conversions

Conversions Part 2

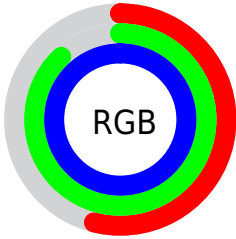
Format	Color
R _Y B	138, 188, 255
Decimal	9101567
CIE Lab	84.96, -18.06, -23.16
CIE LCh	85, 29.367, 232.055
Yxy	65.9346, 0.2447, 0.2923
Android (android.graphics.Color)	4287291647 (0xFF8AE0FF)
YUV	201.8200, 26.2177, -55.9701
Hunter-Lab	81.2001, -20.7844, -19.4086

Details

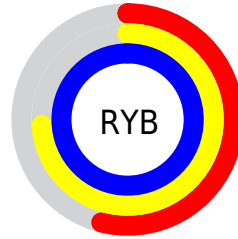
The YUV color **201.8200, 26.2177, -55.9701** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **191.1800, -26.2177, 55.9701**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3590, 8.6970, -36.2718**, and **145.3960, 25.9338, -58.2293** is the 20% darker color. If you saturate the color by 10%, you get **190.2360, 31.9287, -67.7360**, and if you desaturate by 10%, it is **213.4040, 20.5068, -44.2043**.

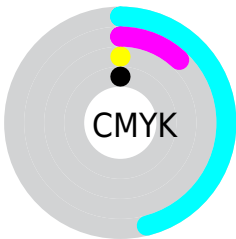
Distribution



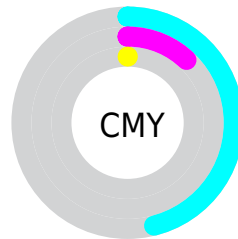
- Red (54%)
- Green (88%)
- Blue (100%)



- Red (54%)
- Yellow (74%)
- Blue (100%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.8200, 26.2177, -55.9701 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 201.8200, 26.2177, -55.9701 by changing the saturation by 10% instead.

■ 201.8200, 26.2177,
-55.9701

■ 201.8200, 26.2177,
-55.9701

■ 255.0000, 0.0000,
0.0000

■ 173.4070, 25.9283,
-56.4849

■ 237.3590, 8.6970,
-36.2718

■ 145.3960, 25.9338,
-58.2293

■ 246.3290, 4.2748,
-17.8285

■ 116.3030, 26.9656,
-62.5327

■ 84.5080, 29.3296,
-74.1135

■ 67.5700, 25.3550,
-59.2589

■ 50.6320, 21.3804,
-44.4043

■ 34.9820, 17.2639,

-30.6792

■ 21.2070, 12.7159,
-18.5985

■ 3.6650, 11.5042,
-3.2142

■ 201.8200, 26.2177,
-55.9701

■ 201.8200, 26.2177,
-55.9701

■ 190.2360, 31.9287,
-67.7360

■ 213.4040, 20.5068,
-44.2043

■ 178.3530, 37.7870,
-80.1166

■ 225.2870, 14.6485,
-31.8237

■ 167.3560, 43.2085,
-92.3972

■ 236.5830, 9.0796,
-18.9283

■ 155.4730, 49.0668,
-104.7778

■ 248.1670, 3.3687,
-7.1625

■ 143.8890, 54.7777, 255.0000, 0.0000,
-116.5437 0.0000

■ 138.8390, 57.2674,
-121.7618

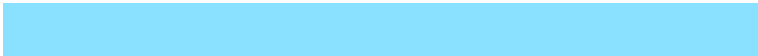
Harmonies

Analogous

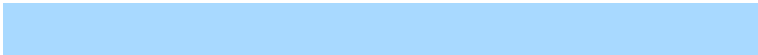
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.7520, 15.8983, -59.4185



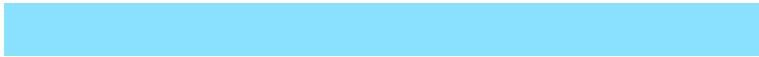
201.8200, 26.2177, -55.9701



206.6810, 23.8213, -33.9232

Triad

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



201.8200, 26.2177, -55.9701



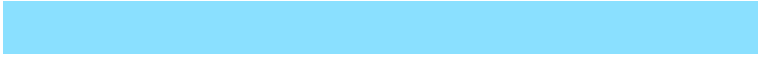
214.7300, 3.0911, 35.3168



208.7080, -24.0130, 2.0101

Complementary

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



201.8200, 26.2177, -55.9701



191.1800, -26.2177, 55.9701

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.



211.8680, -26.5569, 24.6718



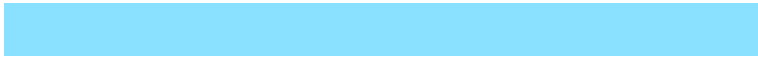
201.8200, 26.2177, -55.9701



211.5380, -9.1392, 38.1162

Square

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



201.8200, 26.2177, -55.9701



216.4430, 15.0646, 21.5365



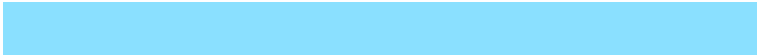
212.4380, -20.9219, 37.3269



205.1870, -13.8962, -22.9660

Rectangle

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



201.8200, 26.2177, -55.9701



210.9330, 21.7250, -14.8502



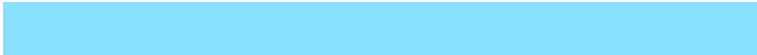
212.4380, -20.9219, 37.3269



209.7090, -25.4925, 9.9022

Sweetspot

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



201.8200, 26.2177, -55.9701



238.9530, 7.9112, -17.4988



209.9850, -21.1916, -63.1308



117.9000, 4.9793, -10.4363



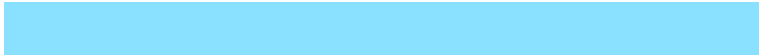
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



201.8200, 26.2177, -55.9701



191.4210, 31.3444, -67.0212



168.3610, 42.7130, -26.6266



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941

Inverse Universe

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



182.7870, 20.3180, 63.3308



168.6020, 24.3532, 75.7710



224.6390, -42.7130, 26.6266



119.9130, 2.0149, 7.0923



73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 201.8200, 26.2177, -55.9701 looks on a white background.

Color Contrast Check

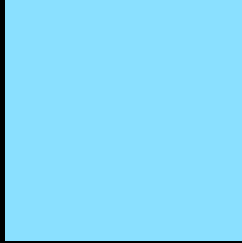
Large Text (above 18pt) WCAG AA × Fail

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 201.8200, 26.2177, -55.9701 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

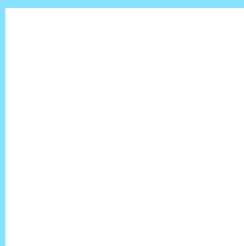
Any Text WCAG AAA ✓ Pass

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

YUV 201.8200, 26.2177, -55.9701 Background



This preview shows how black text looks on a background with the YUV color 201.8200, 26.2177, -55.9701.



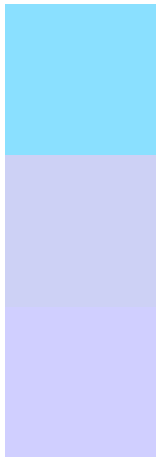
This preview shows how white text looks on a background with the YUV color 201.8200, 26.2177, -55.9701.

-55.9701.

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

201.8200, 26.2177, -55.9701

Protanopia

211.9080, 16.3144, -6.0583

Deuteranopia

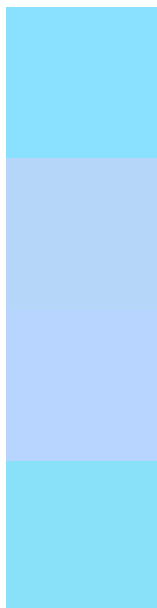
212.7710, 20.8189, -4.1842



Tritanopia

200.8430, 21.2764, -57.7443

Trichromacy



Original Color

201.8200, 26.2177, -55.9701

Protanomaly

208.1230, 20.1524, -23.7869

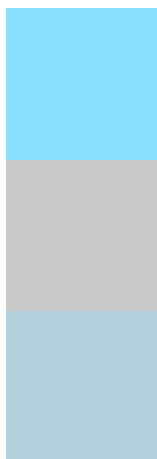
Deuteranomaly

208.8180, 22.7677, -22.6424

Tritanomaly

201.0110, 23.1656, -57.0146

Monochromacy



Original Color

201.8200, 26.2177, -55.9701

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.9850, 9.3744, -20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.8200, 26.2177, -55.9701 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(138, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 224, 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(138, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 224, 255) }
```

Border

The CSS property to change the border of an element to YUV 201.8200, 26.2177, -55.9701 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(138, 224, 255) }
```


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

```
.border{ border-color:rgb(138, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 224,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 201.8200, 26.2177, -55.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 224, 255) }
```

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

```
.background{ background-color: rgb(138,  
224, 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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