

# Converting Colors

YUV(208.8530, 22.7505,  
-63.8921)

Have a look what the booklet for  
YUV(208.8530, 22.7505, -63.8921)  
contains.

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# Color

**YUV(208.8530, 22.7505,  
-63.8921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88EDFF
RGB	136, 237, 255
RGB Percent	53%, 93%, 100%
CMY	0.4667, 0.0706, 0.0000
CMYK	0.47, 0.07, 0.00, 0.00
HSL	189°, 100%, 77%
HSV	189°, 47%, 100%
XYZ	58.4875, 73.0226, 105.6199
YIQ	208.8530, -65.9740, -15.8140

# Conversions

## Conversions Part 2

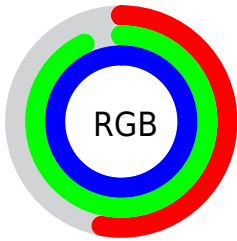
Format	Color
<a href="#">RYB</a>	<a href="#">136, 191, 255</a>
Decimal	<a href="#">8973823</a>
CIELab	<a href="#">88.46, -24.97, -17.88</a>
CIELCh	<a href="#">88, 30.711, 215.608</a>
Yxy	<a href="#">73.0226, 0.2466, 0.3079</a>
Android (android.graphics.Color)	<a href="#">4287163903</a> ( <a href="#">0xFF88EDFF</a> )
YUV	<a href="#">208.8530, 22.7505, -63.8921</a>
Hunter-Lab	<a href="#">85.4533, -27.3709, -13.4649</a>

# Details

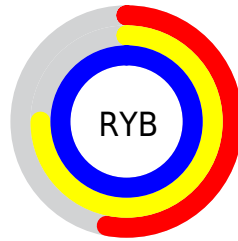
The YUV color **208.8530, 22.7505, -63.8921** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.1470, -22.7505, 63.8921**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **151.2440, 23.0507, -66.8660** is the 20% darker color. If you saturate the color by 10%, you get **199.0300, 27.5932, -77.2023**, and if you desaturate by 10%, it is **218.9750, 17.7603, -49.9671**.

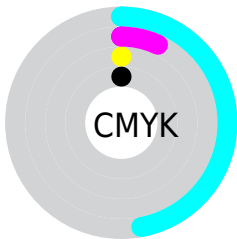
# Distribution



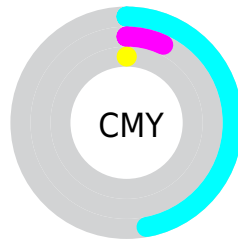
- Red (53%)
- Green (93%)
- Blue (100%)



- Red (53%)
- Yellow (75%)
- Blue (100%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.8530, 22.7505, -63.8921 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 208.8530, 22.7505, -63.8921 by changing the saturation by 10% instead.



208.8530, 22.7505,  
-63.8921

208.8530, 22.7505,  
-63.8921

255.0000, 0.0000,  
0.0000

180.1410, 22.6085,  
-65.0217

237.0600, 8.8444,  
-36.8866

151.2440, 23.0507,  
-66.8660

246.0300, 4.4222,  
-18.4433

121.5530, 24.3774,  
-72.3990

91.5520, 25.8569,  
-80.2911

73.4400, 22.4611,  
-64.4069

56.5020, 18.4865,  
-49.5523

40.2650, 14.6594,

-35.3124

■ 25.4300, 11.1270,  
-22.3021

■ 3.7790, 11.9410,  
-3.3142

■ 208.8530, 22.7505,  
-63.8921

■ 208.8530, 22.7505,  
-63.8921

■ 199.0300, 27.5932,  
-77.2023

■ 218.9750, 17.7603,  
-49.9671

■ 188.9080, 32.5834,  
-91.1273

■ 228.7980, 12.9176,  
-36.6568

■ 179.0850, 37.4261,  
-104.4375

■ 238.9200, 7.9274,  
-22.7318

■ 169.5500, 42.1269,  
-118.8773

■ 248.1560, 3.3741,  
-8.9068

■ 159.7270, 46.9696, 255.0000, 0.0000,  
-132.1876 0.0000

■ 155.8620, 48.8750,  
-136.6910

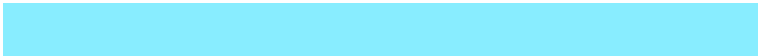
# Harmonies

## Analogous

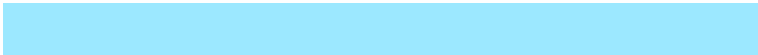
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209.5260, 8.6147, -56.5893



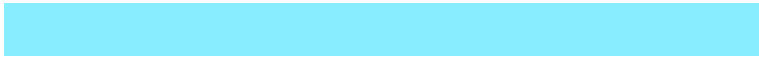
208.8530, 22.7505, -63.8921



211.8980, 21.2493, -49.0225

# Triad

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



208.8530, 22.7505, -63.8921



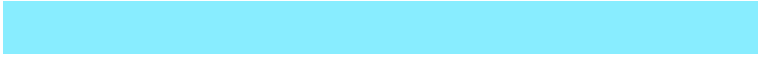
224.1510, 11.2646, 27.0546



220.1720, -27.6928, 15.6352

# Complementary

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



208.8530, 22.7505, -63.8921



182.1470, -22.7505, 63.8921

# 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.



220.0690, -24.6840, 30.6345



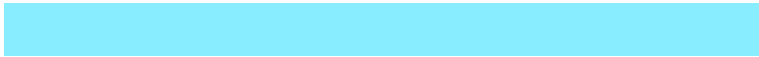
208.8530, 22.7505, -63.8921



218.9700, -0.9712, 31.5983

# Square

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



208.8530, 22.7505, -63.8921



224.0670, 15.2500, 8.7112



217.5390, -14.0697, 32.8533

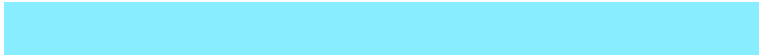


217.0270, -21.2123, -9.6707

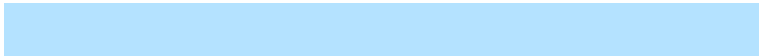


# Rectangle

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



208.8530, 22.7505, -63.8921



215.5520, 19.4479, -31.1791



217.5390, -14.0697, 32.8533



221.4010, -28.2987, 23.3273

# Sweetspot

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



208.8530, 22.7505, -63.8921



241.3010, 6.7536, -19.5580



207.9050, -26.5752, -63.0607



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

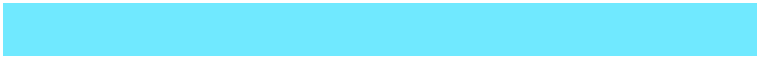


# Same Dimension

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



208.8530, 22.7505, -63.8921



199.3290, 27.4458, -76.5875



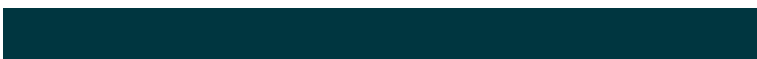
174.2200, 39.8245, -33.5189



122.9390, 2.4951, -6.9625



116.8680, 36.5471, -102.4932



38.9940, 12.3280, -34.1977



# Inverse Universe

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



183.0950, 26.5752, 63.0607



168.5510, 31.7734, 75.8158



216.7800, -39.8245, 33.5189



120.1410, 2.8885, 6.8923



75.5770, 42.6065, 101.2260

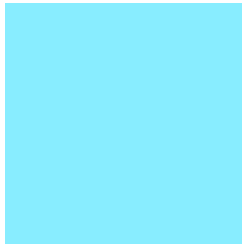


25.2920, 14.1530, 33.9469



# Previews

## White Background



This preview shows how the YUV color 208.8530, 22.7505, -63.8921 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

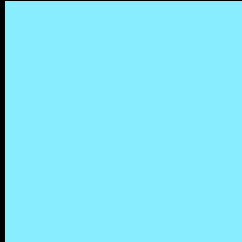
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.8530, 22.7505, -63.8921 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 208.8530, 22.7505, -63.8921 Background



This preview shows how black text looks on a background with the YUV color 208.8530, 22.7505, -63.8921.



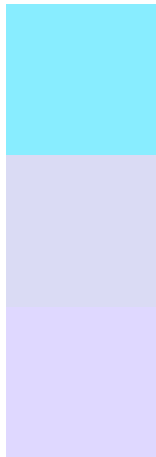
This preview shows how white text looks on a background with the YUV color 208.8530, 22.7505, -63.8921.

-63.8921.

# 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

208.8530, 22.7505, -63.8921

### Protanopia

221.5510, 11.0674, -3.1142

### Deuteranopia

222.5390, 16.0033, 0.4043



## Tritanopia

209.4620, 22.4502, -60.9182

# Trichromacy



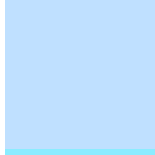
## Original Color

208.8530, 22.7505, -63.8921



## Protanomaly

217.1460, 15.2110, -25.5610



## Deuteranomaly

217.6670, 18.4052, -23.3870



## Tritanomaly

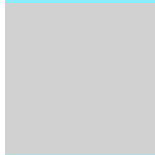
209.1630, 22.5976, -61.5330

# Monochromacy



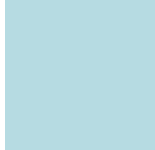
## Original Color

208.8530, 22.7505, -63.8921



## Achromatopsia

209.0000, 0.0000, 0.0000



## Achromatomaly

208.7350, 8.5116, -23.4466

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.8530, 22.7505, -63.8921 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(136, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 237, 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(136, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 237, 255) }
```

## Border

The CSS property to change the border of an element to YUV 208.8530, 22.7505, -63.8921 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(136, 237, 255) }
```



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

```
.border{ border-color:rgb(136, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 237, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 237, 255); box-shadow:4px 4px 4px 4px rgb(136, 237, 255) }
```

# Background

The CSS property to change the background color of an element to YUV 208.8530, 22.7505, -63.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 237, 255) }
```

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

```
.background{ background-color: rgb(136,  
237, 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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