

Converting Colors

YUV(210.6470, 21.8660,
-60.2034)

Have a look what the booklet for
YUV(210.6470, 21.8660, -60.2034)
contains.

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Color

**YUV(210.6470, 21.8660,
-60.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	8EEDFF
RGB	142, 237, 255
RGB Percent	56%, 93%, 100%
CMY	0.4431, 0.0706, 0.0000
CMYK	0.44, 0.07, 0.00, 0.00
HSL	190°, 100%, 78%
HSV	190°, 44%, 100%
XYZ	59.4895, 73.5392, 105.6668
YIQ	210.6470, -62.3980, -14.5420

Conversions

Conversions Part 2

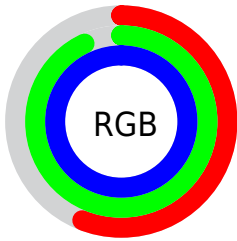
Format	Color
R_{YB}	142, 194, 255
Decimal	9367039
CIE _{Lab}	88.70, -23.61, -17.49
CIE _{LCh}	89, 29.383, 216.521
Yxy	73.5392, 0.2492, 0.3081
Android (android.graphics.Color)	4287557119 (0xFF8EEDFF)
YUV	210.6470, 21.8660, -60.2034
Hunter-Lab	85.7550, -26.2431, -13.0283

Details

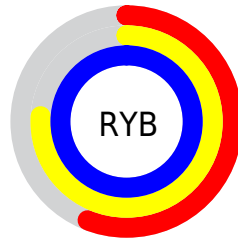
The YUV color **210.6470, 21.8660, -60.2034** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.3530, -21.8660, 60.2034**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8540, 7.9600, -33.1980**, and **153.6360, 21.8715, -61.9478** is the 20% darker color. If you saturate the color by 10%, you get **200.8240, 26.7088, -73.5136**, and if you desaturate by 10%, it is **220.7690, 16.8759, -46.2784**.

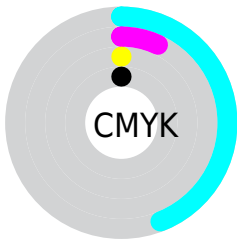
Distribution



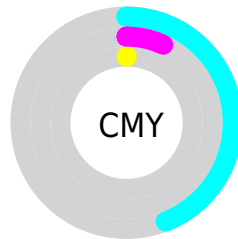
- Red (56%)
- Green (93%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.6470, 21.8660, -60.2034 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 210.6470, 21.8660, -60.2034 by changing the saturation by 10% instead.

210.6470, 21.8660,
-60.2034

210.6470, 21.8660,
-60.2034

255.0000, 0.0000,
0.0000

182.2340, 21.5766,
-60.7182

238.8540, 7.9600,
-33.1980

153.6360, 21.8715,
-61.9478

247.5250, 3.6852,
-15.3694

124.8420, 22.7559,
-65.6364

91.5520, 25.8569,
-80.2911

74.0270, 22.1717,
-64.9217

56.5020, 18.4865,
-49.5523

40.2650, 14.6594,

-35.3124

■ 25.4300, 11.1270,
-22.3021

■ 3.7790, 11.9410,
-3.3142

■ 210.6470, 21.8660,
-60.2034

■ 210.6470, 21.8660,
-60.2034

■ 200.8240, 26.7088,
-73.5136

■ 220.7690, 16.8759,
-46.2784

■ 190.7020, 31.6989,
-87.4387

■ 230.5920, 12.0331,
-32.9682

■ 180.8790, 36.5417,
-100.7489

■ 240.7140, 7.0430,
-19.0432

■ 170.7570, 41.5318,
-114.6739

■ 250.5370, 2.2003,
-5.7329

■ 160.9340, 46.3745, 255.0000, 0.0000,
-127.9841 0.0000

■ 154.6880, 49.4538,
-135.6614

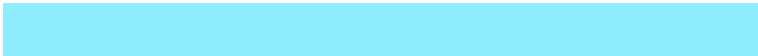
Harmonies

Analogous

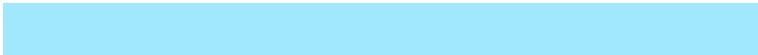
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210.8360, 8.4619, -54.2302



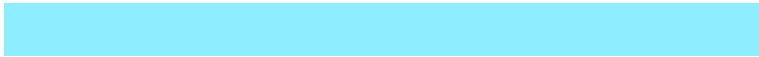
210.6470, 21.8660, -60.2034



213.3930, 20.5123, -45.9487

Triad

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



210.6470, 21.8660, -60.2034



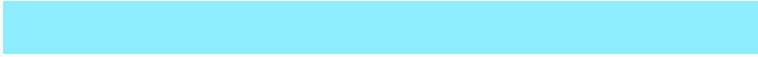
224.6240, 10.5384, 26.6398



220.8020, -26.5244, 14.2056

Complementary

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



210.6470, 21.8660, -60.2034



186.3530, -21.8660, 60.2034

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.



220.8840, -24.0998, 29.9197



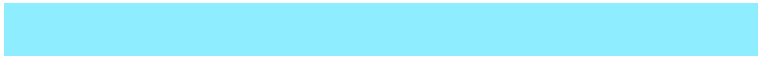
210.6470, 21.8660, -60.2034



219.5570, -1.2606, 31.0835

Square

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



210.6470, 21.8660, -60.2034



224.3660, 15.1026, 9.3260



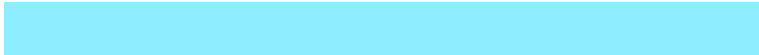
218.9410, -13.7749, 31.6237



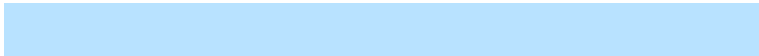
217.3690, -19.9019, -9.9706

Rectangle

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



210.6470, 21.8660, -60.2034



216.7480, 18.8582, -28.7200



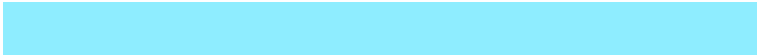
218.9410, -13.7749, 31.6237



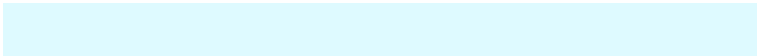
222.0310, -27.1303, 21.8978

Sweetspot

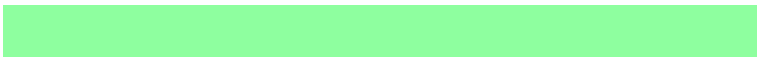
The Sweet Spot groups the original color and five complimentary colors.



210.6470, 21.8660, -60.2034



242.1980, 6.3114, -17.7136



210.2690, -25.2756, -59.8719



119.3730, 4.2531, -10.8511



0.0000, 0.0000, 0.0000



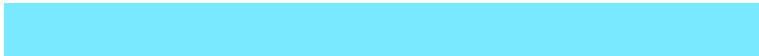
128.0000, 0.0000, 0.0000

Same Dimension

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



210.6470, 21.8660, -60.2034



201.7210, 26.2665, -71.6693



178.3620, 37.7825, -31.8895



122.3520, 2.7845, -6.4477



116.2810, 36.8365, -101.9784



38.9940, 12.3280, -34.1977

Inverse Universe

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



186.6170, 24.8388, 59.9719



173.2470, 29.4582, 71.6974



218.6380, -37.7825, 31.8895



120.0270, 2.4517, 6.9923



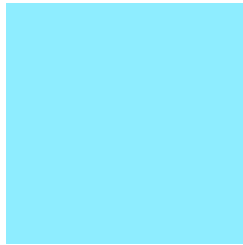
75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 210.6470, 21.8660, -60.2034 looks on a white background.

Color Contrast Check

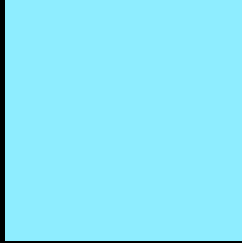
Large Text (above 18pt) WCAG AA × Fail

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 210.6470, 21.8660, -60.2034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

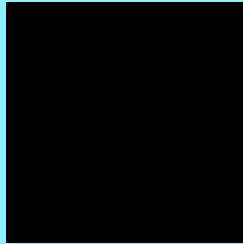
Any Text WCAG AA ✓ Pass

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 210.6470, 21.8660, -60.2034 Background



This preview shows how black text looks on a background with the YUV color 210.6470, 21.8660, -60.2034.

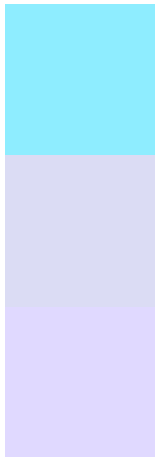


This preview shows how white text looks on a background with the YUV color 210.6470, 21.8660, -60.2034.

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

210.6470, 21.8660, -60.2034

Protanopia

222.4370, 10.6306, -3.0142

Deuteranopia

223.4250, 15.5665, 0.5043



Tritanopia

210.9570, 21.7132, -57.8443

Trichromacy



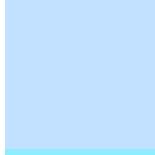
Original Color

210.6470, 21.8660, -60.2034



Protanomaly

218.0430, 14.7688, -23.7167



Deuteranomaly

218.5640, 17.9629, -21.5426



Tritanomaly

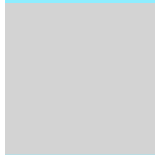
210.6580, 21.8606, -58.4591

Monochromacy



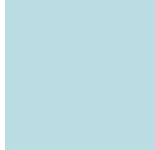
Original Color

210.6470, 21.8660, -60.2034



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.6320, 8.0694, -21.6023

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.6470, 21.8660, -60.2034 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(142, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 237, 255) }
```

Border

The CSS property to change the border of an element to YUV 210.6470, 21.8660, -60.2034 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(142, 237, 255) }
```


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

```
.border{ border-color:rgb(142, 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(142, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 237,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 210.6470, 21.8660, -60.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 237, 255) }
```

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

```
.background{ background-color: rgb(142,  
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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