

Converting Colors

YUV(209.8870, 21.2547,
-50.7669)

Have a look what the booklet for
YUV(209.8870, 21.2547, -50.7669)
contains.

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Color

**YUV(209.8870, 21.2547,
-50.7669)**

Conversions

Conversions Part 1

Format	Color
Hex	98E7FD
RGB	152, 231, 253
RGB Percent	60%, 91%, 99%
CMY	0.4039, 0.0941, 0.0078
CMYK	0.40, 0.09, 0.00, 0.01
HSL	193°, 96%, 79%
HSV	193°, 40%, 99%
XYZ	59.2544, 70.9191, 103.4942
YIQ	209.8870, -54.1460, -9.9060

Conversions

Conversions Part 2

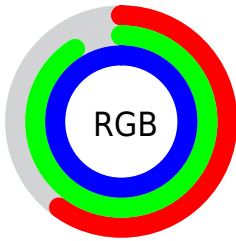
Format	Color
R_{YB}	152, 196, 253
Decimal	10020861
CIE _{Lab}	87.45, -18.75, -18.29
CIE _{LCh}	87, 26.195, 224.285
Yxy	70.9191, 0.2536, 0.3035
Android (android.graphics.Color)	4288210941 (0xFF98E7FD)
YUV	209.8870, 21.2547, -50.7669
Hunter-Lab	84.2135, -21.7771, -13.9151

Details

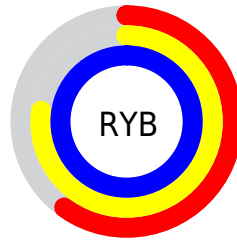
The YUV color **209.8870, 21.2547, -50.7669** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **195.1130, -21.2547, 50.7669**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, 6.6333, -27.6650**, and **153.4740, 20.9653, -51.2817** is the 20% darker color. If you saturate the color by 10%, you get **198.8900, 26.6762, -63.0475**, and if you desaturate by 10%, it is **220.8840, 15.8332, -38.4863**.

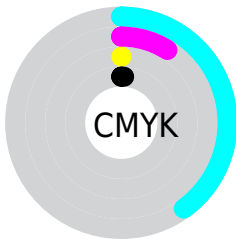
Distribution



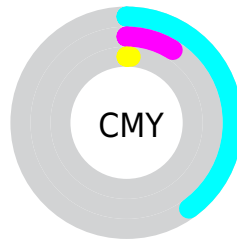
- Red (60%)
- Green (91%)
- Blue (99%)



- Red (60%)
- Yellow (77%)
- Blue (99%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.8870, 21.2547, -50.7669 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 209.8870, 21.2547, -50.7669 by changing the saturation by 10% instead.

■ 209.8870, 21.2547,
-50.7669

■ 209.8870, 21.2547,
-50.7669

255.0000, 0.0000,
0.0000

■ 181.7730, 20.8179,
-50.6669

■ 241.5450, 6.6333,
-27.6650

■ 153.4740, 20.9653,
-51.2817

■ 250.2160, 2.3585,
-9.8364

■ 126.4630, 20.9707,
-53.0261

■ 98.0710, 22.1500,
-57.9443

■ 70.8640, 22.7450,
-62.1477

■ 53.9260, 18.7705,
-47.2931

■ 37.8030, 15.3801,

-33.1532

■ 23.4410, 11.1216,
-20.5578

■ 3.5510, 11.0674,
-3.1142

■ 209.8870, 21.2547,
-50.7669

■ 209.8870, 21.2547,
-50.7669

■ 198.8900, 26.6762,
-63.0475

■ 220.8840, 15.8332,
-38.4863

■ 188.1810, 31.9558,
-76.4577

■ 231.5930, 10.5537,
-25.0761

■ 177.1840, 37.3773,
-88.7384

■ 242.5900, 5.1321,
-12.7954

■ 166.7740, 42.5094,
-101.5338

■ 253.0000, 0.0000,
0.0000

■ 155.4780, 48.0783, 254.7720, -0.8736,
-114.4292 0.2000

■ 145.0680, 53.2105,
-127.2246

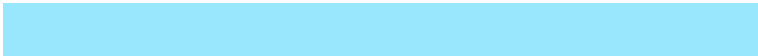
Harmonies

Analogous

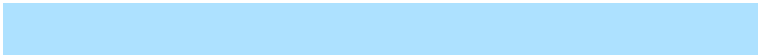
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.4390, 10.6296, -49.4970



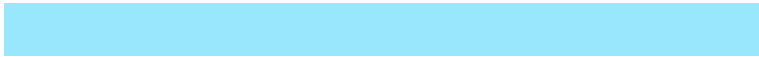
209.8870, 21.2547, -50.7669



212.8720, 20.7691, -34.9677

Triad

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



209.8870, 21.2547, -50.7669



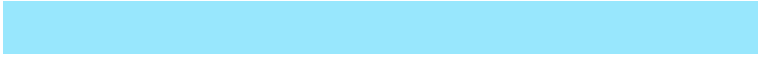
221.9680, 5.4388, 28.9691



216.7950, -22.5769, 8.0728

Complementary

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



209.8870, 21.2547, -50.7669



195.1130, -21.2547, 50.7669

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.



219.3890, -23.3628, 26.8458



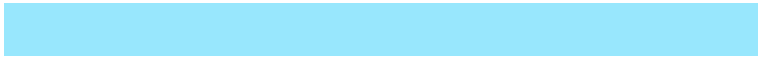
209.8870, 21.2547, -50.7669



218.5310, -5.1918, 31.9833

Square

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



209.8870, 21.2547, -50.7669



222.9150, 15.8179, 13.2295



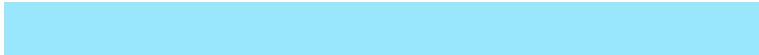
218.2570, -16.3957, 32.2236



213.6010, -15.0863, -14.5591

Rectangle

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



209.8870, 21.2547, -50.7669



216.5150, 18.9731, -18.8687



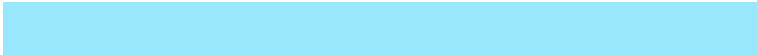
218.2570, -16.3957, 32.2236



217.8990, -23.6142, 14.1206

Sweetspot

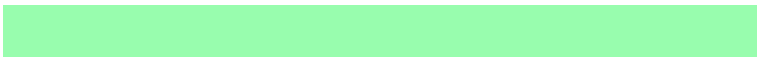
The Sweet Spot groups the original color and five complimentary colors.



209.8870, 21.2547, -50.7669



241.6220, 6.5954, -15.4545



213.7950, -19.6189, -54.1942



120.2700, 3.8109, -9.0068



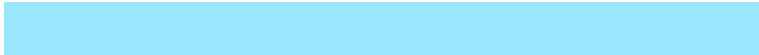
0.0000, 0.0000, 0.0000



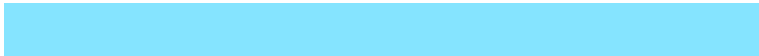
128.0000, 0.0000, 0.0000

Same Dimension

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



209.8870, 21.2547, -50.7669



202.6730, 25.7972, -61.1032



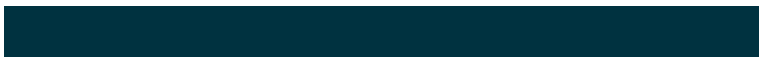
180.5370, 35.7243, -25.0269



122.3520, 2.7845, -6.4477



109.8240, 40.0198, -96.3156



36.6460, 13.4855, -32.1385

Inverse Universe

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



191.2050, 19.6189, 54.1942



180.3080, 23.5122, 65.5049



224.4630, -35.7243, 25.0269



120.0270, 2.4517, 6.9923



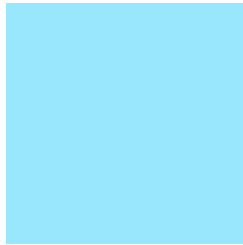
74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 209.8870, 21.2547, -50.7669 looks on a white background.

Color Contrast Check

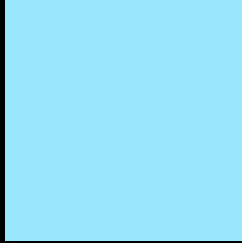
Large Text (above 18pt) WCAG AA × Fail

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 209.8870, 21.2547, -50.7669 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 209.8870, 21.2547, -50.7669

Background



This preview shows how black text looks on a background with the YUV color 209.8870, 21.2547, -50.7669.



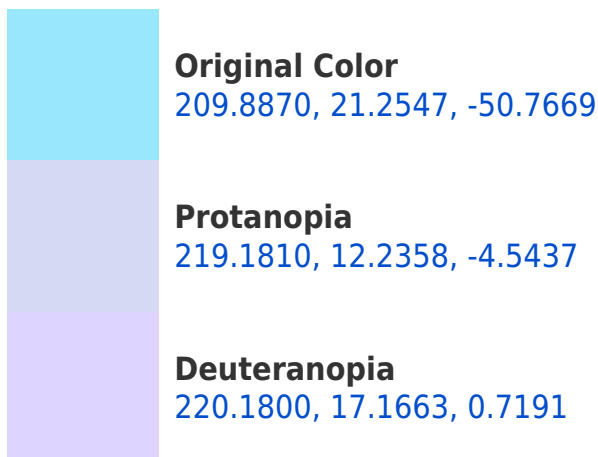
This preview shows how white text looks on a background with the YUV color 209.8870, 21.2547, -50.7669.

-50.7669.

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

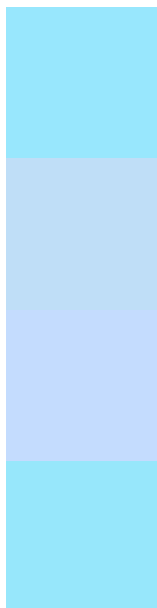




Tritanopia

209.2460, 20.0917, -51.0817

Trichromacy



Original Color

209.8870, 21.2547, -50.7669

Protanomaly

215.5810, 15.4896, -21.5575

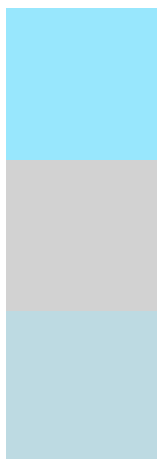
Deuteranomaly

216.7000, 18.3889, -18.1539

Tritanomaly

209.3600, 20.5285, -51.1817

Monochromacy



Original Color

209.8870, 21.2547, -50.7669

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2410, 7.7692, -18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8870, 21.2547, -50.7669 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(152, 231, 253)` looks like.

```
.text, #text, p{  
    color:rgb(152, 231, 253)  
}
```

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(152, 231, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 231, 253) }
```

Border

The CSS property to change the border of an element to YUV 209.8870, 21.2547, -50.7669 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(152, 231, 253) }
```


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

```
.border{ border-color:rgb(152, 231, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 231, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 231, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 231, 253); box-shadow:4px 4px 4px 4px rgb(152, 231, 253) }
```

Background

The CSS property to change the background color of an element to YUV 209.8870, 21.2547, -50.7669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 231, 253) }
```

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

```
.background{ background-color: rgb(152,  
231, 253) }
```

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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