

Converting Colors

YUV(195.9210, 16.3079,
-50.7967)

Have a look what the booklet for
YUV(195.9210, 16.3079, -50.7967)
contains.

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Color

**YUV(195.9210, 16.3079,
-50.7967)**

Conversions

Conversions Part 1

Format	Color
Hex	8ADB E5
RGB	138, 219, 229
RGB Percent	54%, 86%, 90%
CMY	0.4588, 0.1412, 0.1020
CMYK	0.40, 0.04, 0.00, 0.10
HSL	187°, 64%, 72%
HSV	187°, 40%, 90%
XYZ	49.9556, 61.7235, 83.4096
YIQ	195.9210, -51.4860, -14.0620

Conversions

Conversions Part 2

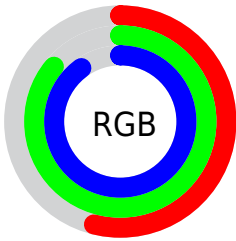
Format	Color
RYB	138, 181, 229
Decimal	9100261
CIELab	82.77, -22.21, -12.71
CIELCh	83, 25.589, 209.788
Yxy	61.7235, 0.2561, 0.3164
Android (android.graphics.Color)	4287290341 (0xFF8ADBE5)
YUV	195.9210, 16.3079, -50.7967
Hunter-Lab	78.5643, -23.9871, -7.9516

Details

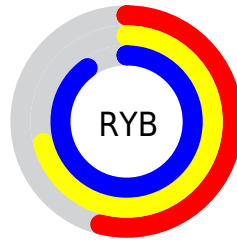
The YUV color **195.9210, 16.3079, -50.7967** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **171.0790, -16.3079, 50.7967**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **140.6220, 16.4554, -51.4115** is the 20% darker color. If you saturate the color by 10%, you get **187.2830, 20.5665, -63.3922**, and if you desaturate by 10%, it is **204.5590, 12.0494, -38.2012**.

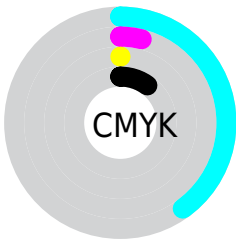
Distribution



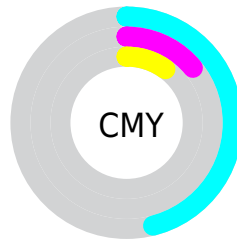
- Red (54%)
- Green (86%)
- Blue (90%)



- Red (54%)
- Yellow (71%)
- Blue (90%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.9210, 16.3079, -50.7967 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 195.9210, 16.3079, -50.7967 by changing the saturation by 10% instead.

■ 195.9210, 16.3079,
-50.7967

■ 195.9210, 16.3079,
-50.7967

255.0000, 0.0000,
0.0000

■ 167.9210, 16.3079,
-50.7967

■ 237.0600, 8.8444,
-36.8866

■ 140.6220, 16.4554,
-51.4115

■ 245.7310, 4.5696,
-19.0581

■ 112.7250, 16.8976,
-53.2558

254.7010, 0.1474,
-0.6148

■ 83.1260, 18.6719,
-62.3775

■ 62.0130, 16.7556,
-54.3854

■ 45.3030, 13.6546,
-39.7307

■ 29.7670, 9.9749,

-26.1057

■ 13.8720, 7.4581,
-12.1657

■ 0.1140, 0.4368,
-0.1000

■ 195.9210, 16.3079,
-50.7967

■ 195.9210, 16.3079,
-50.7967

■ 187.2830, 20.5665,
-63.3922

■ 204.5590, 12.0494,
-38.2012

■ 179.2320, 24.5356,
-76.5025

■ 212.6100, 8.0803,
-25.0910

■ 170.5940, 28.7942,
-89.0979

■ 221.2480, 3.8217,
-12.4955

■ 162.5430, 32.7633,
-102.2082

■ 229.2990, -0.1474,
0.6148

■ 153.9050, 37.0218,
-114.8037

■ 237.6380, -4.2585,
12.5955

■ 146.1530, 40.8436,
-127.2992

■ 239.7090, -5.2795,
13.4102

■ 145.8540, 40.9910,
-127.9140

■ 241.4700, -6.1477,
11.8658

■ 242.6440, -6.7265,
10.8362

■ 244.4050, -7.5947,
9.2918

Harmonies

Analogous

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



196.7620, 4.0613, -42.7643



195.9210, 16.3079, -50.7967



198.9140, 23.7064, -43.7746

Triad

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



195.9210, 16.3079, -50.7967



210.4880, 10.1124, 23.2510



204.7360, -23.0408, 16.8945

Complementary

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



195.9210, 16.3079, -50.7967



171.0790, -16.3079, 50.7967

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.



207.1170, -20.7637, 33.2234



195.9210, 16.3079, -50.7967



210.1880, -1.5717, 37.5461

Square

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



195.9210, 16.3079, -50.7967



208.4620, 19.4922, 1.3488



208.6370, -12.6390, 40.6604



202.3420, -18.9026, -3.8079

Rectangle

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



195.9210, 16.3079, -50.7967



202.6320, 24.8314, -31.2493



208.6370, -12.6390, 40.6604



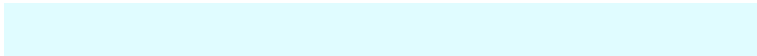
206.0680, -23.2045, 22.7424

Sweetspot

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



195.9210, 16.3079, -50.7967



243.9700, 5.4378, -17.5137



192.4430, -22.4034, -47.7465



121.4440, 3.2321, -10.0364



0.0000, 0.0000, 0.0000



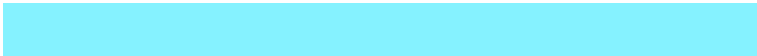
128.0000, 0.0000, 0.0000

Same Dimension

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



195.9210, 16.3079, -50.7967



210.8910, 21.7457, -68.3104



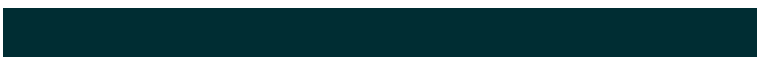
169.5060, 29.3305, -27.6308



110.2380, 2.3477, -6.3477



113.7390, 32.1737, -99.7491



32.2290, 9.2541, -28.2648

Inverse Universe

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



174.4430, 21.9666, 47.8465



181.9040, 29.6273, 64.1052



197.4940, -29.3305, 27.6308



107.7280, 2.5991, 6.3775



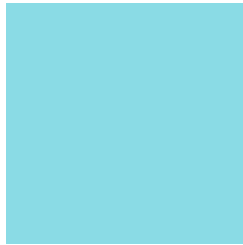
71.6470, 43.0650, 94.1486



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 195.9210, 16.3079, -50.7967 looks on a white background.

Color Contrast Check

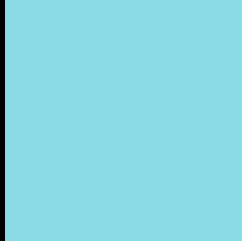
Large Text (above 18pt) WCAG AA × Fail

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 195.9210, 16.3079, -50.7967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

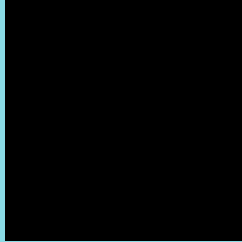
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.9210, 16.3079, -50.7967

Background



This preview shows how black text looks on a background with the YUV color 195.9210, 16.3079, -50.7967.



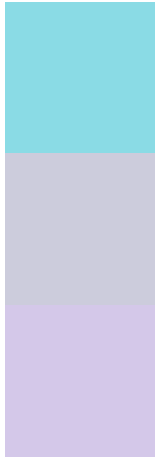
This preview shows how white text looks on a background with the YUV color 195.9210, 16.3079, -50.7967.

-50.7967.

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

195.9210, 16.3079, -50.7967

Protanopia

205.8240, 6.9888, -1.5996

Deuteranopia

207.3500, 12.6455, 4.0781



Tritanopia

196.7300, 19.3601, -49.7522

Trichromacy



Original Color

195.9210, 16.3079, -50.7967

Protanomaly

201.9250, 10.3900, -19.2282

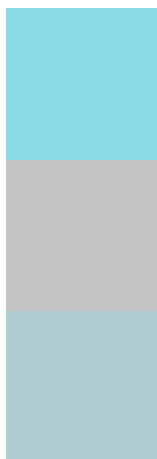
Deuteranomaly

203.2720, 14.1629, -16.0245

Tritanomaly

196.0890, 18.1971, -50.0671

Monochromacy



Original Color

195.9210, 16.3079, -50.7967

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9210, 16.3079, -50.7967 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, 219, 229)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 229)  
}
```

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, 219, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 229) }
```

Border

The CSS property to change the border of an element to YUV 195.9210, 16.3079, -50.7967 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, 219, 229) }
```


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

```
.border{ border-color:rgb(138, 219, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 219, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 229);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 195.9210, 16.3079, -50.7967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 229) }
```

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

```
.background{ background-color: rgb(138,  
219, 229) }
```

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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