

Converting Colors

YUV(207.4570, 19.9877,
-64.4218)

Have a look what the booklet for
YUV(207.4570, 19.9877, -64.4218)
contains.

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Color

**YUV(207.4570, 19.9877,
-64.4218)**

Conversions

Conversions Part 1

Format	Color
Hex	86EDF8
RGB	134, 237, 248
RGB Percent	53%, 93%, 97%
CMY	0.4745, 0.0706, 0.0275
CMYK	0.46, 0.04, 0.00, 0.03
HSL	186°, 89%, 75%
HSV	186°, 46%, 97%
XYZ	57.0590, 72.4140, 99.7769
YIQ	207.4570, -64.9190, -18.4150

Conversions

Conversions Part 2

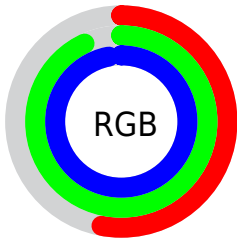
Format	Color
RYB	134, 188, 248
Decimal	8842744
CIELab	88.17, -27.21, -14.66
CIELCh	88, 30.905, 208.322
Yxy	72.4140, 0.2489, 0.3159
Android (android.graphics.Color)	4287032824 (0xFF86EDF8)
YUV	207.4570, 19.9877, -64.4218
Hunter-Lab	85.0964, -29.2307, -9.9510

Details

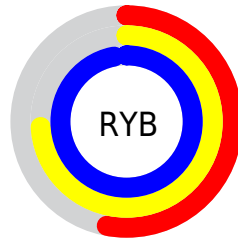
The YUV color **207.4570, 19.9877, -64.4218** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **174.5430, -19.9877, 64.4218**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **149.9620, 20.7247, -67.4957** is the 20% darker color. If you saturate the color by 10%, you get **198.8080, 24.2517, -78.7616**, and if you desaturate by 10%, it is **216.1060, 15.7237, -50.0820**.

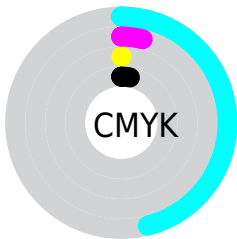
Distribution



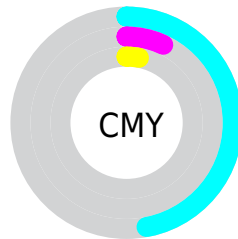
- Red (53%)
- Green (93%)
- Blue (97%)



- Red (53%)
- Yellow (74%)
- Blue (97%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (47%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.4570, 19.9877, -64.4218 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 207.4570, 19.9877, -64.4218 by changing the saturation by 10% instead.

207.4570, 19.9877,
-64.4218

207.4570, 19.9877,
-64.4218

255.0000, 0.0000,
0.0000

178.7450, 19.8457,
-65.5514

236.4620, 9.1392,
-38.1162

149.9620, 20.7247,
-67.4957

245.4320, 4.7170,
-19.6729

120.2710, 22.0514,
-73.0287

254.4020, 0.2948,
-1.2296

90.8680, 23.2361,
-79.6912

72.7560, 19.8403,
-63.8070

55.8180, 15.8657,
-48.9524

39.1080, 12.7648,

-34.2977

■ 24.8600, 8.9430,
-21.8022

■ 3.2090, 9.7570,
-2.8143

■ 207.4570, 19.9877,
-64.4218

■ 207.4570, 19.9877,
-64.4218

■ 198.8080, 24.2517,
-78.7616

■ 216.1060, 15.7237,
-50.0820

■ 189.5720, 28.8050,
-92.5866

■ 225.3420, 11.1704,
-36.2569

■ 181.2220, 32.9216,
-106.3117

■ 233.6920, 7.0538,
-22.5319

■ 171.9860, 37.4749,
-120.1367

■ 242.9280, 2.5005,
-8.7069

■ 163.3370, 41.7389,
-134.4765

■ 250.6800, -1.3212,
3.7886

■ 159.7600, 43.5023,
-140.1095

■ 251.8540, -1.9000,
2.7590

■ 253.6150, -2.7682,
1.2146

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

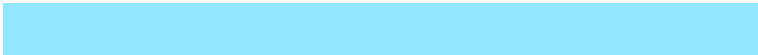
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209.1090, 4.3833, -52.7156



207.4570, 19.9877, -64.4218



209.2070, 22.5759, -54.5555

Triad

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



207.4570, 19.9877, -64.4218



225.4220, 13.5960, 25.9399



220.0910, -28.1459, 20.9682

Complementary

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



207.4570, 19.9877, -64.4218



174.5430, -19.9877, 64.4218

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.



218.5360, -22.9422, 31.9789



207.4570, 19.9877, -64.4218



219.1810, 2.3758, 31.4133

Square

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



207.4570, 19.9877, -64.4218



221.6640, 16.4346, 2.0487



217.0490, -10.8702, 33.2830



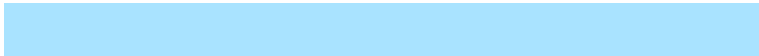
216.7890, -23.5600, -3.3230

Rectangle

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



207.4570, 19.9877, -64.4218



212.8500, 20.7800, -38.4564



217.0490, -10.8702, 33.2830



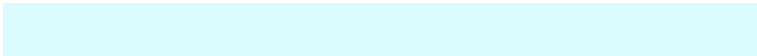
220.5480, -27.8782, 28.4604

Sweetspot

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



207.4570, 19.9877, -64.4218



242.4750, 6.1748, -20.5876



201.9440, -29.0594, -59.5869



119.6610, 4.1111, -11.9807



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.



207.4570, 19.9877, -64.4218



204.9220, 24.6885, -78.8616



175.1720, 35.9042, -36.1078



120.5260, 2.2057, -7.4773



121.3360, 33.3584, -106.4117



39.2390, 10.7282, -34.4126

Inverse Universe

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



179.8280, 28.1858, 59.7868



171.2240, 34.3996, 73.4716



207.4150, -36.1936, 35.5930



117.2550, 3.3253, 6.7924



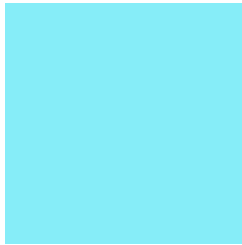
75.8910, 46.3957, 99.1966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 207.4570, 19.9877, -64.4218 looks on a white background.

Color Contrast Check

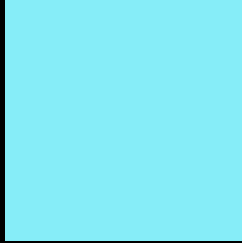
Large Text (above 18pt) WCAG AA × Fail

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 207.4570, 19.9877, -64.4218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

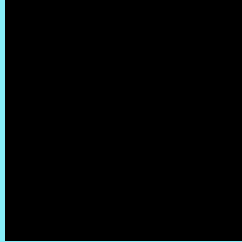
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.4570, 19.9877, -64.4218

Background



This preview shows how black text looks on a background with the YUV color 207.4570, 19.9877, -64.4218.



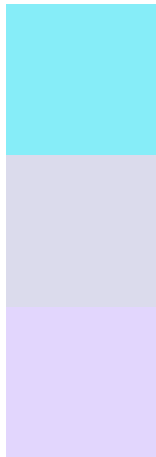
This preview shows how white text looks on a background with the YUV color 207.4570, 19.9877, -64.4218.

-64.4218.

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

207.4570, 19.9877, -64.4218

Protanopia

220.9380, 7.4256, -1.6996

Deuteranopia

222.0340, 15.2662, 3.4782



Tritanopia

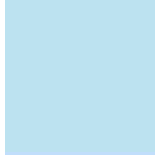
208.2660, 23.0399, -63.3773

Trichromacy



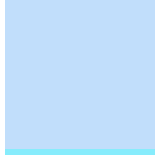
Original Color

207.4570, 19.9877, -64.4218



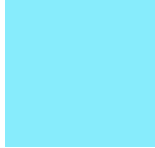
Protanomaly

216.2340, 11.7166, -24.7612



Deuteranomaly

216.6350, 16.9419, -20.7279



Tritanomaly

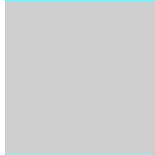
207.6250, 21.8769, -63.6921

Monochromacy



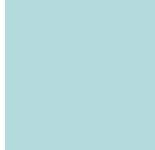
Original Color

207.4570, 19.9877, -64.4218



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

207.0940, 7.3487, -23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.4570, 19.9877, -64.4218 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(134, 237, 248)` looks like.

```
.text, #text, p{  
    color:rgb(134, 237, 248)  
}
```

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(134, 237, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 237, 248) }
```

Border

The CSS property to change the border of an element to YUV 207.4570, 19.9877, -64.4218 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(134, 237, 248) }
```


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

```
.border{ border-color:rgb(134, 237, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 237, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 237, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 237, 248);  
box-shadow:4px 4px 4px 4px rgb(134, 237,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 207.4570, 19.9877, -64.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 237, 248) }
```

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

```
.background{ background-color: rgb(134,  
237, 248) }
```

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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