

Converting Colors

YUV(214.8490, 18.8084,
-59.5036)

Have a look what the booklet for
YUV(214.8490, 18.8084, -59.5036)
contains.

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Color

**YUV(214.8490, 18.8084,
-59.5036)**

Conversions

Conversions Part 1

Format	Color
Hex	93F2FD
RGB	147, 242, 253
RGB Percent	58%, 95%, 99%
CMY	0.4235, 0.0510, 0.0078
CMYK	0.42, 0.04, 0.00, 0.01
HSL	186°, 96%, 78%
HSV	186°, 42%, 99%
XYZ	61.5144, 76.7992, 104.5101
YIQ	214.8490, -60.1510, -16.7190

Conversions

Conversions Part 2

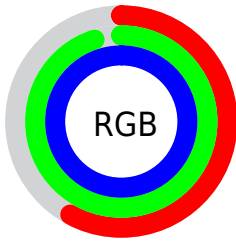
Format	Color
RYB	147, 197, 253
Decimal	9695997
CIELab	90.23, -25.39, -14.13
CIELCh	90, 29.056, 209.103
Yxy	76.7992, 0.2533, 0.3163
Android (android.graphics.Color)	4287886077 (0xFF93F2FD)
YUV	214.8490, 18.8084, -59.5036
Hunter-Lab	87.6351, -28.0656, -9.3622

Details

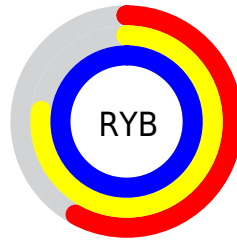
The YUV color **214.8490, 18.8084, -59.5036** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **185.1510, -18.8084, 59.5036**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **158.1370, 18.6665, -60.6331** is the 20% darker color. If you saturate the color by 10%, you get **205.6130, 23.3618, -73.3286**, and if you desaturate by 10%, it is **224.0850, 14.2551, -45.6785**.

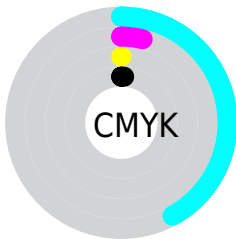
Distribution



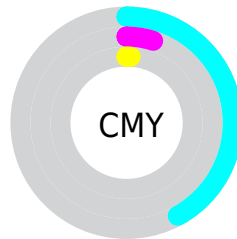
- Red (58%)
- Green (95%)
- Blue (99%)



- Red (58%)
- Yellow (77%)
- Blue (99%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (42%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8490, 18.8084, -59.5036 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 214.8490, 18.8084, -59.5036 by changing the saturation by 10% instead.

214.8490, 18.8084,
-59.5036

214.8490, 18.8084,
-59.5036

255.0000, 0.0000,
0.0000

185.8490, 18.8084,
-59.5036

240.0500, 7.3704,
-30.7388

158.1370, 18.6665,
-60.6331

249.0200, 2.9481,
-12.2955

129.6420, 19.4035,
-63.7070

97.6730, 22.3462,
-74.2582

76.1470, 20.1405,
-66.7809

58.6220, 16.4554,
-51.4115

42.4990, 13.0650,

-37.2716

■ 27.0770, 9.8220,
-23.7465

■ 4.8390, 10.9254,
-4.2438

■ 214.8490, 18.8084,
-59.5036

■ 214.8490, 18.8084,
-59.5036

■ 205.6130, 23.3618,
-73.3286

■ 224.0850, 14.2551,
-45.6785

■ 196.6650, 27.7732,
-88.2832

■ 233.0330, 9.8437,
-30.7239

■ 187.4290, 32.3265,
-102.1082

■ 242.2690, 5.2904,
-16.8989

■ 178.1930, 36.8799,
-115.9333

■ 251.5050, 0.7370,
-3.0739

■ 169.2450, 41.2912, 254.7720, -0.8736,
-130.8879 0.2000

■ 162.0910, 44.8181,
-142.1538

Harmonies

Analogous

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



215.8320, 4.5198, -49.8417



214.8490, 18.8084, -59.5036



216.6160, 18.9233, -49.6522

Triad

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



214.8490, 18.8084, -59.5036



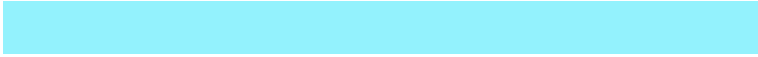
229.7590, 12.4438, 22.1364



226.1340, -26.6881, 20.0535

Complementary

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



214.8490, 18.8084, -59.5036



185.1510, -18.8084, 59.5036

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.



223.5570, -21.4736, 27.5755



214.8490, 18.8084, -59.5036



223.8600, 2.5340, 27.3098

Square

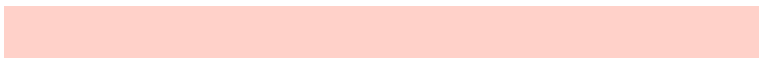
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.8490, 18.8084, -59.5036



227.2790, 13.6665, 3.2633



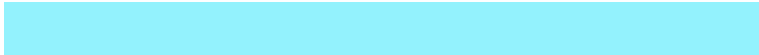
221.8420, -10.2751, 29.0796



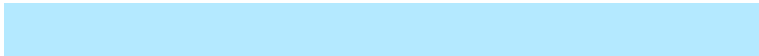
223.1310, -22.2496, -3.6229

Rectangle

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



214.8490, 18.8084, -59.5036



219.6610, 17.4221, -34.7827



221.8420, -10.2751, 29.0796



226.2810, -26.2675, 25.1866

Sweetspot

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



214.8490, 18.8084, -59.5036



243.3720, 5.7326, -18.7432



210.4760, -25.8707, -55.6685



119.9600, 3.9637, -11.3659



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

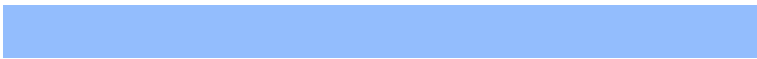
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.8490, 18.8084, -59.5036



209.3960, 22.4828, -71.3843



183.7380, 34.1462, -32.2192



122.9390, 2.4951, -6.9625



122.1510, 33.9426, -107.1264



40.7550, 11.4598, -35.7421

Inverse Universe

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



189.5240, 25.8707, 55.6685



178.9690, 31.0743, 66.6792



216.2620, -34.1462, 32.2192



120.1410, 2.8885, 6.8923



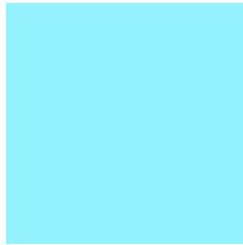
76.6030, 46.5377, 100.3262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 214.8490, 18.8084, -59.5036 looks on a white background.

Color Contrast Check

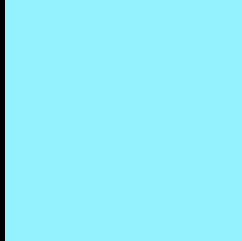
Large Text (above 18pt) WCAG AA × Fail

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 214.8490, 18.8084, -59.5036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

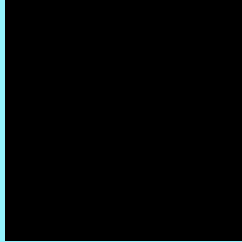
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.8490, 18.8084, -59.5036

Background



This preview shows how black text looks on a background with the YUV color 214.8490, 18.8084, -59.5036.



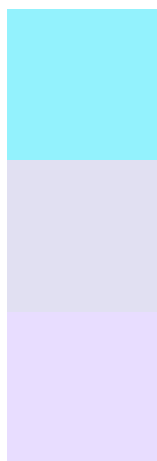
This preview shows how white text looks on a background with the YUV color 214.8490, 18.8084, -59.5036.

-59.5036.

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

214.8490, 18.8084, -59.5036

Protanopia

226.3510, 7.7150, -1.1848

Deuteranopia

228.1650, 13.2297, 3.3633



Tritanopia

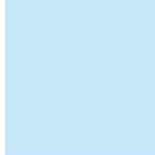
218.1110, 18.1863, -46.5783

Trichromacy



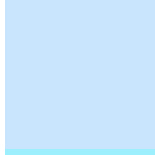
Original Color

214.8490, 18.8084, -59.5036



Protanomaly

222.5440, 11.5638, -22.4021



Deuteranomaly

223.4780, 15.0473, -19.7132



Tritanomaly

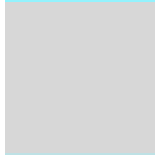
216.4910, 18.4919, -51.2966

Monochromacy



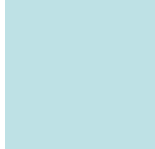
Original Color

214.8490, 18.8084, -59.5036



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.9910, 6.9064, -21.9171

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8490, 18.8084, -59.5036 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(147, 242, 253)` looks like.

```
.text, #text, p{  
    color:rgb(147, 242, 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(147, 242, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 242, 253) }
```

Border

The CSS property to change the border of an element to YUV 214.8490, 18.8084, -59.5036 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(147, 242, 253) }
```


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

```
.border{ border-color:rgb(147, 242, 253) }
```

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

Here you see how a box with a 4 pixel rgb(147, 242, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 242, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 242, 253);  
box-shadow:4px 4px 4px 4px rgb(147, 242,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 214.8490, 18.8084, -59.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 242, 253) }
```

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

```
.background{ background-color: rgb(147,  
242, 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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