

Converting Colors

YUV(214.8000, 19.8186,
-56.8296)

Have a look what the booklet for
YUV(214.8000, 19.8186, -56.8296)
contains.

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Color

**YUV(214.8000, 19.8186,
-56.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	96F0FF
RGB	150, 240, 255
RGB Percent	59%, 94%, 100%
CMY	0.4118, 0.0588, 0.0000
CMYK	0.41, 0.06, 0.00, 0.00
HSL	189°, 100%, 79%
HSV	189°, 41%, 100%
XYZ	61.7878, 76.0242, 106.0253
YIQ	214.8000, -58.4550, -14.4150

Conversions

Conversions Part 2

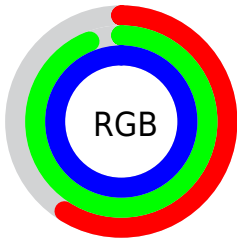
Format	Color
RYB	150, 198, 255
Decimal	9892095
CIELab	89.87, -23.20, -15.70
CIElCh	90, 28.015, 214.083
Yxy	76.0242, 0.2534, 0.3118
Android (android.graphics.Color)	4288082175 (0xFF96F0FF)
YUV	214.8000, 19.8186, -56.8296
Hunter-Lab	87.1919, -26.0933, -11.0623

Details

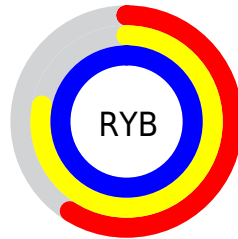
The YUV color **214.8000, 19.8186, -56.8296** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **190.2000, -19.8186, 56.8296**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **158.0880, 19.6766, -57.9592** is the 20% darker color. If you saturate the color by 10%, you get **204.9770, 24.6613, -70.1398**, and if you desaturate by 10%, it is **224.9220, 14.8285, -42.9046**.

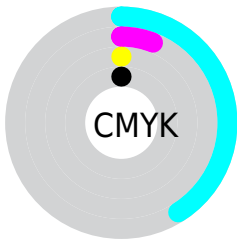
Distribution



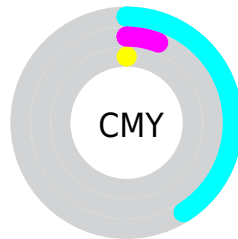
- Red (59%)
- Green (94%)
- Blue (100%)



- Red (59%)
- Yellow (78%)
- Blue (100%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8000, 19.8186, -56.8296 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 214.8000, 19.8186, -56.8296 by changing the saturation by 10% instead.

214.8000, 19.8186,
-56.8296

214.8000, 19.8186,
-56.8296

255.0000, 0.0000,
0.0000

186.3870, 19.5292,
-57.3444

240.9470, 6.9281,
-28.8945

158.0880, 19.6766,
-57.9592

249.9170, 2.5059,
-10.4512

130.1910, 20.1188,
-59.8035

100.1900, 21.5983,
-67.6956

75.2010, 21.5929,
-65.9513

58.2630, 17.6183,
-51.0967

41.4390, 14.0806,

-36.3420

■ 26.6040, 10.5482,
-23.3317

■ 3.7790, 11.9410,
-3.3142

■ 214.8000, 19.8186,
-56.8296

■ 214.8000, 19.8186,
-56.8296

■ 204.9770, 24.6613,
-70.1398

■ 224.9220, 14.8285,
-42.9046

■ 195.4420, 29.3621,
-84.5796

■ 234.1580, 10.2751,
-29.0796

■ 185.6190, 34.2048,
-97.8899

■ 244.2800, 5.2850,
-15.1546

■ 175.4970, 39.1950,
-111.8149

■ 254.1030, 0.4422,
-1.8443

■ 166.2610, 43.7483, 255.0000, 0.0000,
-125.6399 0.0000

■ 157.6230, 48.0069,
-138.2354

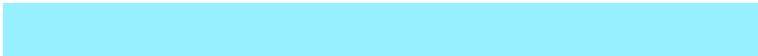
Harmonies

Analogous

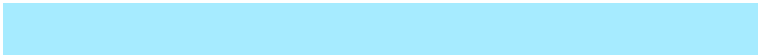
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.8150, 6.9932, -49.8268



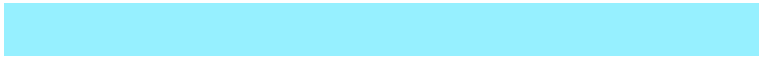
214.8000, 19.8186, -56.8296



216.6490, 18.9070, -44.4192

Triad

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



214.8000, 19.8186, -56.8296



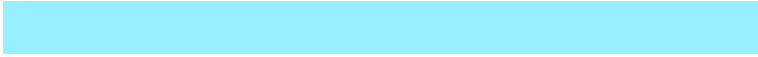
228.0150, 10.8386, 23.6658



224.1550, -25.2194, 15.6501

Complementary

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



214.8000, 19.8186, -56.8296



190.2000, -19.8186, 56.8296

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.



223.4430, -21.9104, 27.6755



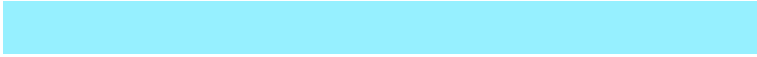
214.8000, 19.8186, -56.8296



223.1760, -0.0868, 27.9096

Square

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



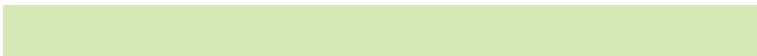
214.8000, 19.8186, -56.8296



227.3010, 13.6556, 6.7520



221.3860, -12.0223, 29.4795



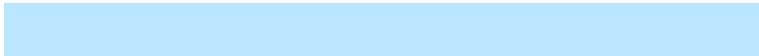
221.0920, -19.7654, -7.0967

Rectangle

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



214.8000, 19.8186, -56.8296



219.9930, 17.2585, -28.9349



221.3860, -12.0223, 29.4795



225.0850, -25.6779, 22.7275

Sweetspot

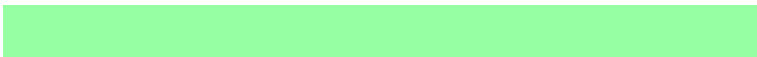
The Sweet Spot groups the original color and five complimentary colors.



214.8000, 19.8186, -56.8296



243.3830, 5.7272, -16.9989



213.2310, -24.2709, -55.4536



120.8570, 3.5215, -9.5216



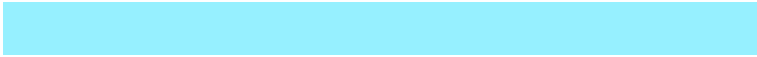
0.0000, 0.0000, 0.0000



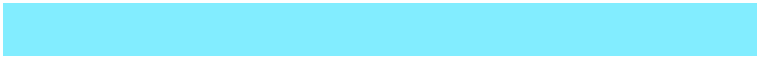
128.0000, 0.0000, 0.0000

Same Dimension

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



214.8000, 19.8186, -56.8296



207.0590, 23.6349, -67.5807



184.8630, 34.5775, -30.5749



122.9390, 2.4951, -6.9625



118.0420, 35.9683, -103.5228



39.5810, 12.0386, -34.7125

Inverse Universe

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



191.6550, 23.8341, 55.5536



179.5730, 28.3115, 66.1495



220.7240, -34.8669, 30.0601



120.1410, 2.8885, 6.8923



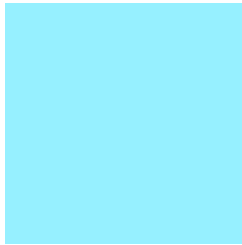
75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 214.8000, 19.8186, -56.8296 looks on a white background.

Color Contrast Check

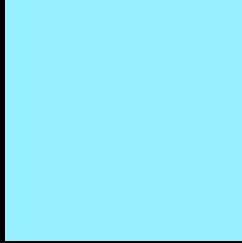
Large Text (above 18pt) WCAG AA × Fail

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 214.8000, 19.8186, -56.8296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

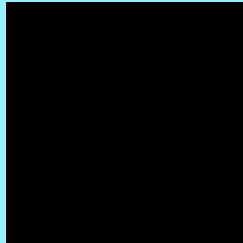
Any Text WCAG AA ✓ Pass

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 214.8000, 19.8186, -56.8296 Background



This preview shows how black text looks on a background with the YUV color 214.8000, 19.8186, -56.8296.



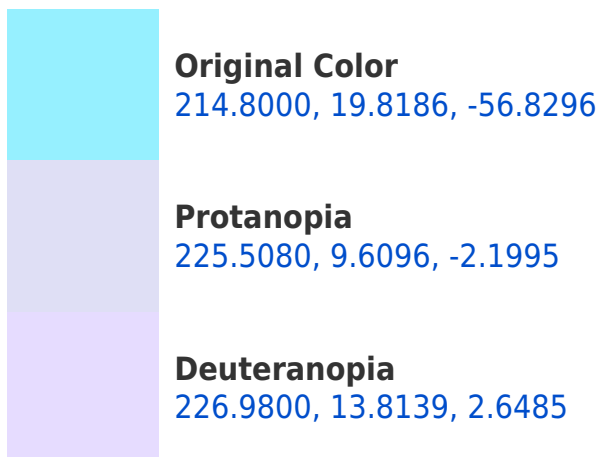
This preview shows how white text looks on a background with the YUV color 214.8000, 19.8186, -56.8296.

-56.8296.

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

217.2140, 18.6285, -48.4227

Trichromacy



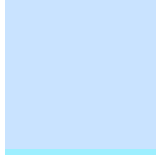
Original Color

214.8000, 19.8186, -56.8296



Protanomaly

221.4130, 13.6004, -22.2872



Deuteranomaly

222.4180, 16.0629, -18.7836



Tritanomaly

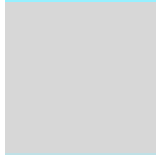
216.6050, 18.9287, -51.3966

Monochromacy



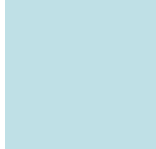
Original Color

214.8000, 19.8186, -56.8296



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

214.8170, 7.4852, -20.8875

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8000, 19.8186, -56.8296 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(150, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 240, 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(150, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 240, 255) }
```

Border

The CSS property to change the border of an element to YUV 214.8000, 19.8186, -56.8296 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(150, 240, 255) }
```


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

```
.border{ border-color:rgb(150, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 214.8000, 19.8186, -56.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 240, 255) }
```

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

```
.background{ background-color: rgb(150,  
240, 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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