

Converting Colors

YUV(214.0120, -18.7399,
-56.1385)

Have a look what the booklet for
YUV(214.0120, -18.7399, -56.1385)
contains.

YUV(214.0120, -18.7399, -56.1385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.0120, -18.7399,
-56.1385)**

Conversions

Conversions Part 1

Format	Color
Hex	96FEB0
RGB	150, 254, 176
RGB Percent	59%, 100%, 69%
CMY	0.4118, 0.0039, 0.3098
CMYK	0.41, 0.00, 0.31, 0.00
HSL	135°, 98%, 79%
HSV	135°, 41%, 100%
XYZ	55.8560, 80.5022, 53.6689
YIQ	214.0120, -36.9460, -46.3060

Conversions

Conversions Part 2

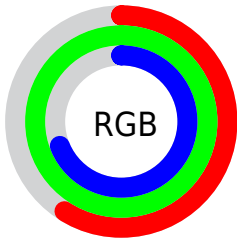
Format	Color
RYB	150, 233, 254
Decimal	9895600
CIELab	91.91, -46.32, 28.07
CIElCh	92, 54.160, 148.789
Yxy	80.5022, 0.2939, 0.4236
Android (android.graphics.Color)	4288085680 (0xFF96FEB0)
YUV	214.0120, -18.7399, -56.1385
Hunter-Lab	89.7230, -45.8924, 27.3411

Details

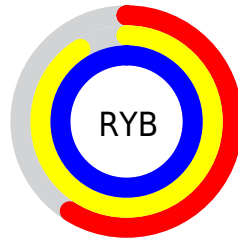
The YUV color **214.0120, -18.7399, -56.1385** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **189.9880, 18.7399, 56.1385**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3250, -3.1182, -26.5950**, and **157.4680, -16.9927, -56.5384** is the 20% darker color. If you saturate the color by 10%, you get **204.3710, -23.3539, -69.6084**, and if you desaturate by 10%, it is **223.6530, -14.1259, -42.6687**.

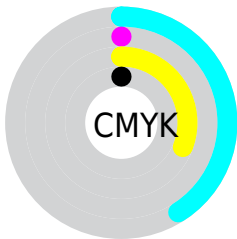
Distribution



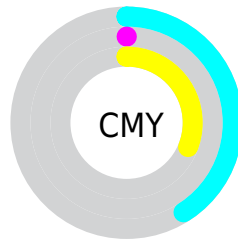
- Red (59%)
- Green (100%)
- Blue (69%)



- Red (59%)
- Yellow (91%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.0120, -18.7399, -56.1385 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 214.0120, -18.7399, -56.1385 by changing the saturation by 10% instead.

■ 214.0120,
-18.7399, -56.1385

■ 214.0120,
-18.7399, -56.1385

255.0000, 0.0000,
0.0000

■ 185.5390,
-18.0137, -55.7237

■ 238.3250, -3.1182,
-26.5950

■ 157.4680,
-16.9927, -56.5384

■ 249.6180, 2.6533,
-11.0660

■ 129.5110,
-15.5349, -57.4531

■ 100.3470,
-13.4821, -62.5713

■ 73.7920, -11.7295,
-64.7156

■ 55.9080, -14.2516,
-49.0313

■ 38.9700, -18.2262,

-34.1767

■ 25.8280, -12.7332,
-22.6512

■ 7.6310, -3.7621,
-6.6924

■ 214.0120,
-18.7399, -56.1385

■ 214.0120,
-18.7399, -56.1385

■ 204.3710,
-23.3539, -69.6084

■ 223.6530,
-14.1259, -42.6687

■ 194.4310,
-27.8205, -83.6930

■ 233.5930, -9.6593,
-28.5841

■ 184.7900,
-32.4345, -97.1628

■ 243.2340, -5.0454,
-15.1142

■ 174.8500,
-36.9010, -111.2475

■ 253.1740, -0.5788,
-1.0296

■ 165.2090,
-41.5150, -124.7173

254.4130, 0.2894,
0.5148

■ 156.3940,
-45.5502, -137.1575

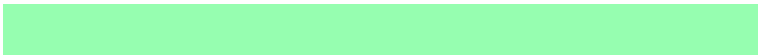
Harmonies

Analogous

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



222.6470, -41.7310, -8.4604



214.0120, -18.7399, -56.1385



193.3180, 17.0982, -117.7969

Triad

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



214.0120, -18.7399, -56.1385



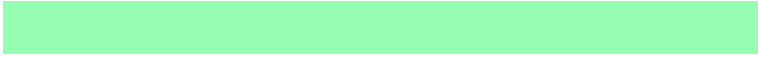
212.1310, 21.1344, -58.8739



211.0990, -13.3598, 38.5012

Complementary

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



214.0120, -18.7399, -56.1385



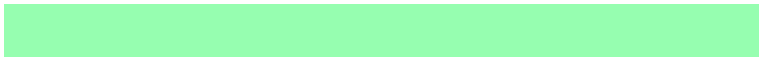
189.9880, 18.7399, 56.1385

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.



214.6790, 10.5113, 35.3615



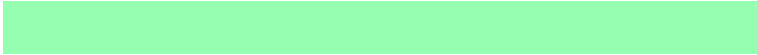
214.0120, -18.7399, -56.1385



227.5890, 13.5136, 5.6224

Square

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



214.0120, -18.7399, -56.1385



176.4070, 38.7463, -154.7089



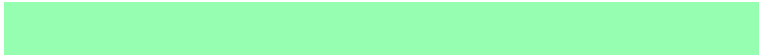
222.7150, 15.9165, 28.3139



215.9310, -35.4620, 34.2635

Rectangle

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



214.0120, -18.7399, -56.1385



178.7550, 37.5888, -156.7681



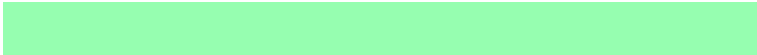
222.7150, 15.9165, 28.3139



211.2760, -5.0661, 38.3459

Sweetspot

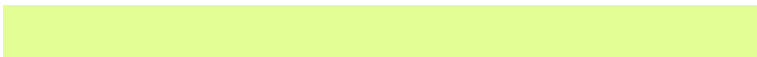
The Sweet Spot groups the original color and five complimentary colors.



214.0120, -18.7399, -56.1385



243.1090, -5.4767, -16.7586



234.3700, -41.5944, -5.5865



121.0220, -3.4618, -9.6663



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.



214.0120, -18.7399, -56.1385



206.9090, -22.6331, -67.4492



219.9400, 3.9736, -61.3374



122.9730, -2.4517, -6.9923



117.5890, -34.3074, -103.1256



39.3920, -11.5323, -34.5468

Inverse Universe

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



189.9880, 18.7399, 56.1385



178.0910, 22.6331, 67.4492



184.0600, -3.9736, 61.3374



119.9130, 2.0149, 7.0923



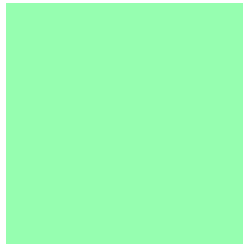
73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 214.0120, -18.7399, -56.1385 looks on a white background.

Color Contrast Check

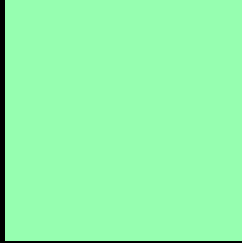
Large Text (above 18pt) WCAG AA × Fail

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 214.0120, -18.7399, -56.1385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

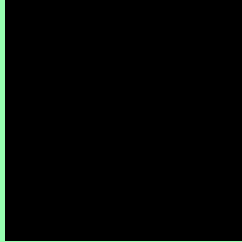
Any Text WCAG AA ✓ Pass

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 214.0120, -18.7399, -56.1385 Background



This preview shows how black text looks on a background with the YUV color 214.0120, -18.7399, -56.1385.



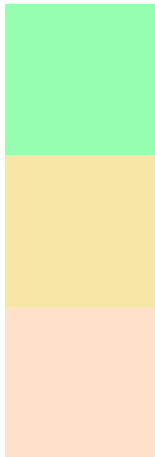
This preview shows how white text looks on a background with the YUV color 214.0120, -18.7399, -56.1385.

-56.1385.

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

214.0120, -18.7399, -56.1385

Protanopia

228.0860, -30.6084, 17.4646

Deuteranopia

231.4620, -14.0318, 20.6428



Tritanopia

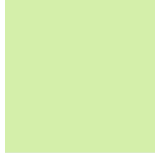
225.8630, 14.3645, -34.0829

Trichromacy



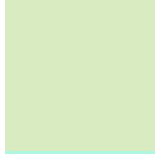
Original Color

214.0120, -18.7399, -56.1385



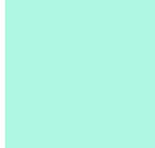
Protanomaly

223.0610, -26.1591, -9.7005



Deuteranomaly

225.4170, -15.9816, -7.3817



Tritanomaly

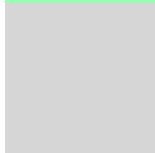
221.6050, 2.1667, -41.7496

Monochromacy



Original Color

214.0120, -18.7399, -56.1385



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.3320, -7.0657, -20.4622

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.0120, -18.7399, -56.1385 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, 254, 176)` looks like.

```
.text, #text, p{  
    color:rgb(150, 254, 176)  
}
```

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, 254, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 254, 176) }
```

Border

The CSS property to change the border of an element to YUV 214.0120, -18.7399, -56.1385 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, 254, 176) }
```


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

```
.border{ border-color:rgb(150, 254, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 254, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 254, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 254, 176);  
box-shadow:4px 4px 4px 4px rgb(150, 254,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 214.0120, -18.7399, -56.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 254, 176) }
```

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

```
.background{ background-color: rgb(150,  
254, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor