

Converting Colors

YUV(214.2130, 20.1080,
-56.3148)

Have a look what the booklet for
YUV(214.2130, 20.1080, -56.3148)
contains.

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Color

**YUV(214.2130, 20.1080,
-56.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	96EFFF
RGB	150, 239, 255
RGB Percent	59%, 94%, 100%
CMY	0.4118, 0.0627, 0.0000
CMYK	0.41, 0.06, 0.00, 0.00
HSL	189°, 100%, 79%
HSV	189°, 41%, 100%
XYZ	61.4942, 75.4370, 105.9275
YIQ	214.2130, -58.1800, -13.8920

Conversions

Conversions Part 2

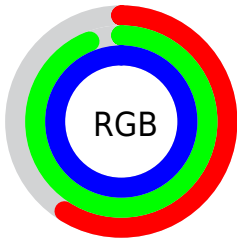
Format	Color
RYB	150, 198, 255
Decimal	9891839
CIELab	89.60, -22.71, -16.11
CIElCh	90, 27.845, 215.348
Yxy	75.4370, 0.2532, 0.3106
Android (android.graphics.Color)	4288081919 (0xFF96EFFF)
YUV	214.2130, 20.1080, -56.3148
Hunter-Lab	86.8545, -25.6149, -11.5117

Details

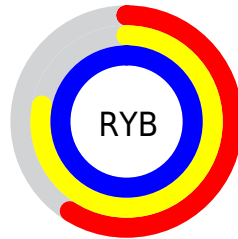
The YUV color **214.2130, 20.1080, -56.3148** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **190.7870, -20.1080, 56.3148**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **157.5010, 19.9660, -57.4444** is the 20% darker color. If you saturate the color by 10%, you get **204.3900, 24.9507, -69.6250**, and if you desaturate by 10%, it is **224.3350, 15.1178, -42.3898**.

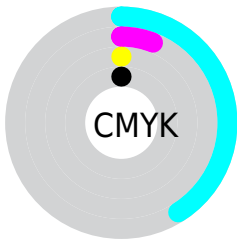
Distribution



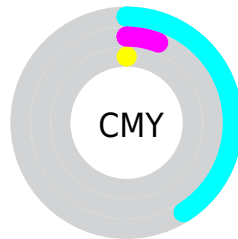
- Red (59%)
- Green (94%)
- Blue (100%)



- 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 214.2130, 20.1080, -56.3148 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 214.2130, 20.1080, -56.3148 by changing the saturation by 10% instead.

214.2130, 20.1080,
-56.3148

214.2130, 20.1080,
-56.3148

255.0000, 0.0000,
0.0000

185.8000, 19.8186,
-56.8296

240.9470, 6.9281,
-28.8945

157.5010, 19.9660,
-57.4444

249.9170, 2.5059,
-10.4512

129.6040, 20.4082,
-59.2887

99.9020, 21.7403,
-66.5661

74.6140, 21.8823,
-65.4365

57.6760, 17.9077,
-50.5819

41.4390, 14.0806,

-36.3420

■ 26.0170, 10.8376,
-22.8169

■ 3.7790, 11.9410,
-3.3142

■ 214.2130, 20.1080,
-56.3148

■ 214.2130, 20.1080,
-56.3148

■ 204.3900, 24.9507,
-69.6250

■ 224.3350, 15.1178,
-42.3898

■ 194.2680, 29.9409,
-83.5500

■ 234.1580, 10.2751,
-29.0796

■ 184.4450, 34.7836,
-96.8603

■ 244.2800, 5.2850,
-15.1546

■ 174.3230, 39.7738,
-110.7853

■ 254.1030, 0.4422,
-1.8443

■ 165.0870, 44.3271, 255.0000, 0.0000,
-124.6103 0.0000

■ 155.8620, 48.8750,
-136.6910

Harmonies

Analogous

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



213.9290, 7.4300, -49.9267



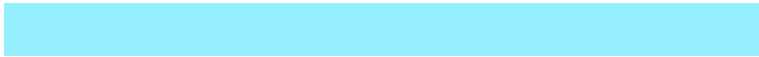
214.2130, 20.1080, -56.3148



216.3610, 19.0490, -43.2896

Triad

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



214.2130, 20.1080, -56.3148



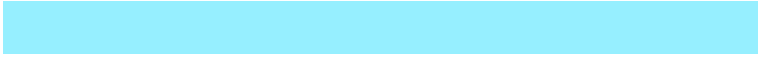
227.2000, 10.2544, 24.3806



223.4430, -25.3614, 14.5205

Complementary

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



214.2130, 20.1080, -56.3148



190.7870, -20.1080, 56.3148

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.



223.3290, -22.3472, 27.7755



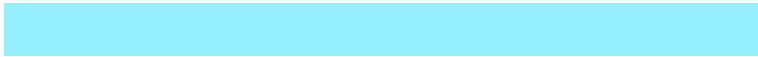
214.2130, 20.1080, -56.3148



222.3610, -0.6710, 28.6244

Square

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



214.2130, 20.1080, -56.3148



227.0130, 13.7976, 7.8816



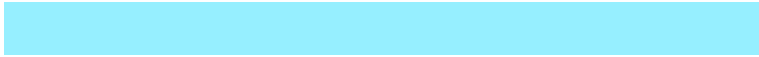
221.2720, -12.4591, 29.5795



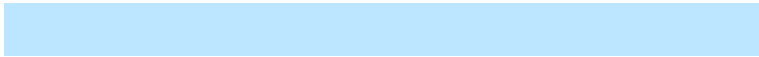
220.4940, -19.4705, -8.3262

Rectangle

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



214.2130, 20.1080, -56.3148



219.7050, 17.4004, -27.8053



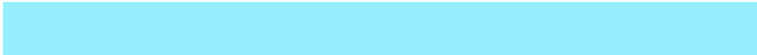
221.2720, -12.4591, 29.5795



224.4870, -25.3831, 21.4979

Sweetspot

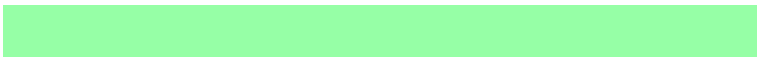
The Sweet Spot groups the original color and five complimentary colors.



214.2130, 20.1080, -56.3148



242.7960, 6.0166, -16.4841



213.4590, -23.3973, -55.6535



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.



214.2130, 20.1080, -56.3148



206.4720, 23.9243, -67.0659



183.6890, 35.1563, -29.5453



122.9390, 2.4951, -6.9625



116.8680, 36.5471, -102.4932



38.9940, 12.3280, -34.1977

Inverse Universe

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



191.5410, 23.3973, 55.6535



179.4590, 27.8747, 66.2495



221.3110, -35.1563, 29.5453



120.1410, 2.8885, 6.8923



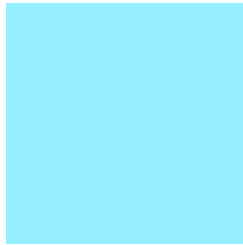
75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 214.2130, 20.1080, -56.3148 looks on a white background.

Color Contrast Check

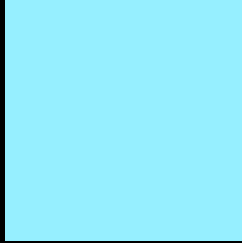
Large Text (above 18pt) WCAG AA × Fail

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 214.2130, 20.1080, -56.3148 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 214.2130, 20.1080, -56.3148 Background



This preview shows how black text looks on a background with the YUV color 214.2130, 20.1080, -56.3148.



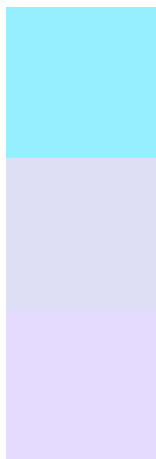
This preview shows how white text looks on a background with the YUV color 214.2130, 20.1080, -56.3148.

-56.3148.

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

214.2130, 20.1080, -56.3148

Protanopia

225.2090, 9.7570, -2.8143

Deuteranopia

225.7950, 14.3981, 1.9338



Tritanopia

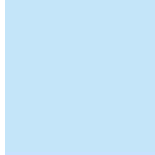
215.7300, 19.3601, -49.7522

Trichromacy



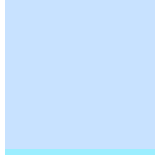
Original Color

214.2130, 20.1080, -56.3148



Protanomaly

221.4130, 13.6004, -22.2872



Deuteranomaly

221.5320, 16.4997, -18.8836



Tritanomaly

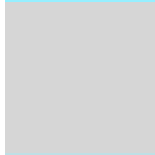
215.4200, 19.5129, -52.1113

Monochromacy



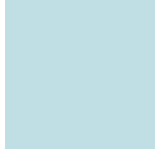
Original Color

214.2130, 20.1080, -56.3148



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.1160, 7.3378, -20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.2130, 20.1080, -56.3148 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, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 239, 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, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 239, 255) }
```

Border

The CSS property to change the border of an element to YUV 214.2130, 20.1080, -56.3148 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, 239, 255) }
```


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

```
.border{ border-color:rgb(150, 239, 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, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 239,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 214.2130, 20.1080, -56.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 239, 255) }
```

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

```
.background{ background-color: rgb(150,  
239, 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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