

Converting Colors

YUV(212.9840, 20.7139,
-64.0070)

Have a look what the booklet for
YUV(212.9840, 20.7139, -64.0070)
contains.

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Color

**YUV(212.9840, 20.7139,
-64.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF2FF
RGB	140, 242, 255
RGB Percent	55%, 95%, 100%
CMY	0.4510, 0.0510, 0.0000
CMYK	0.45, 0.05, 0.00, 0.00
HSL	187°, 100%, 77%
HSV	187°, 45%, 100%
XYZ	60.6173, 76.2997, 106.1402
YIQ	212.9840, -64.9650, -17.5810

Conversions

Conversions Part 2

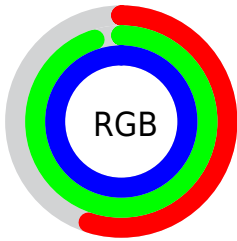
Format	Color
RYB	140, 194, 255
Decimal	9237247
CIELab	90.00, -26.51, -15.55
CIElCh	90, 30.730, 210.400
Yxy	76.2997, 0.2494, 0.3139
Android (android.graphics.Color)	4287427327 (0xFF8CF2FF)
YUV	212.9840, 20.7139, -64.0070
Hunter-Lab	87.3497, -28.9898, -10.8995

Details

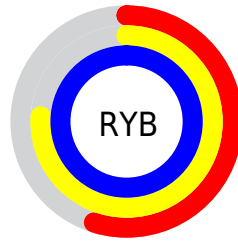
The YUV color **212.9840, 20.7139, -64.0070** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.0160, -20.7139, 64.0070**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2560, 8.2548, -34.4275**, and **155.6740, 20.8667, -66.3661** is the 20% darker color. If you saturate the color by 10%, you get **203.7480, 25.2672, -77.8320**, and if you desaturate by 10%, it is **222.5190, 16.0131, -49.5672**.

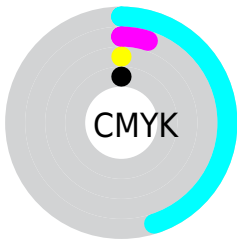
Distribution



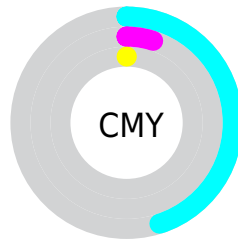
- Red (55%)
- Green (95%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9840, 20.7139, -64.0070 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 212.9840, 20.7139, -64.0070 by changing the saturation by 10% instead.

212.9840, 20.7139,
-64.0070

212.9840, 20.7139,
-64.0070

255.0000, 0.0000,
0.0000

183.6850, 20.8613,
-64.6217

238.2560, 8.2548,
-34.4275

155.6740, 20.8667,
-66.3661

247.2260, 3.8326,
-15.9842

125.6950, 22.3354,
-70.7695

93.9000, 24.6993,
-82.3503

76.3750, 21.0141,
-66.9809

58.8500, 17.3289,
-51.6114

42.0260, 13.7912,

-36.8568

■ 27.1910, 10.2588,
-23.8465

■ 3.7790, 11.9410,
-3.3142

■ 212.9840, 20.7139,
-64.0070

■ 212.9840, 20.7139,
-64.0070

■ 203.7480, 25.2672,
-77.8320

■ 222.5190, 16.0131,
-49.5672

■ 194.2130, 29.9680,
-92.2718

■ 231.7550, 11.4598,
-35.7421

■ 184.9770, 34.5213,
-106.0968

■ 241.2900, 6.7590,
-21.3023

■ 175.4420, 39.2221,
-120.5366

■ 250.5260, 2.2057,
-7.4773

■ 166.7930, 43.4861, 255.0000, 0.0000,
-134.8765 0.0000

■ 161.7320, 45.9811,
-141.8390

Harmonies

Analogous

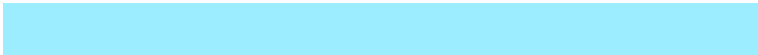
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.1520, 5.8411, -53.6303



212.9840, 20.7139, -64.0070



214.5340, 19.9497, -52.2113

Triad

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



212.9840, 20.7139, -64.0070



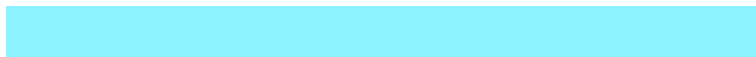
228.5850, 13.0226, 23.1660



225.3790, -28.2878, 19.8386

Complementary

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



212.9840, 20.7139, -64.0070



182.0160, -20.7139, 64.0070

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.



222.5140, -22.9314, 28.4902



212.9840, 20.7139, -64.0070



222.4580, 2.2392, 28.5393

Square

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



212.9840, 20.7139, -64.0070



226.9910, 13.8084, 4.3929



220.3260, -11.0067, 30.4091



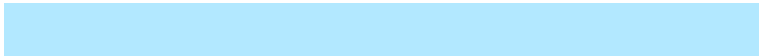
221.8920, -23.1178, -5.1673

Rectangle

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



212.9840, 20.7139, -64.0070



218.4760, 18.0063, -35.4975



220.3260, -11.0067, 30.4091



225.2380, -27.7253, 26.1013

Sweetspot

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



212.9840, 20.7139, -64.0070



241.8880, 6.4642, -20.0728



208.7590, -28.4752, -60.3016



119.6610, 4.1111, -11.9807



0.0000, 0.0000, 0.0000



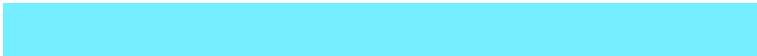
128.0000, 0.0000, 0.0000

Same Dimension

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



212.9840, 20.7139, -64.0070



204.3460, 24.9724, -76.6024



180.1120, 36.9198, -35.1782



122.9390, 2.4951, -6.9625



121.5640, 34.2319, -106.6116



40.7550, 11.4598, -35.7421

Inverse Universe

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



186.0130, 27.6016, 60.5016



172.1700, 32.9472, 72.6419



214.8880, -36.9198, 35.1782



120.1410, 2.8885, 6.8923



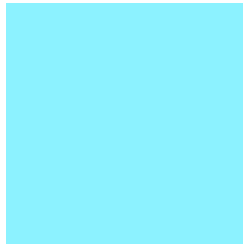
76.4890, 46.1009, 100.4261



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 212.9840, 20.7139, -64.0070 looks on a white background.

Color Contrast Check

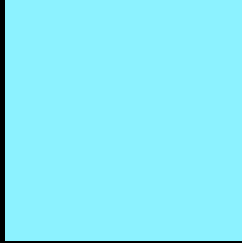
Large Text (above 18pt) WCAG AA × Fail

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 212.9840, 20.7139, -64.0070 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 212.9840, 20.7139, -64.0070

Background



This preview shows how black text looks on a background with the YUV color 212.9840, 20.7139, -64.0070.



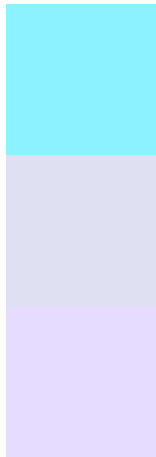
This preview shows how white text looks on a background with the YUV color 212.9840, 20.7139, -64.0070.

-64.0070.

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

212.9840, 20.7139, -64.0070

Protanopia

226.1660, 8.2992, -1.8996

Deuteranopia

226.9800, 13.8139, 2.6485



Tritanopia

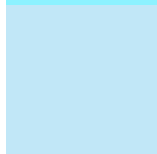
217.2030, 18.6339, -50.1670

Trichromacy



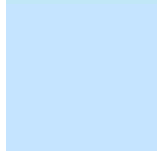
Original Color

212.9840, 20.7139, -64.0070



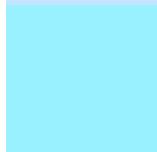
Protanomaly

221.4620, 12.5902, -24.9612



Deuteranomaly

221.8090, 16.3632, -21.7575



Tritanomaly

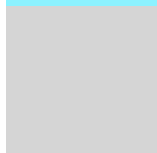
215.6970, 19.3764, -54.9853

Monochromacy



Original Color

212.9840, 20.7139, -64.0070



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.0940, 7.3487, -23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9840, 20.7139, -64.0070 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(140, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 242, 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(140, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 242, 255) }
```

Border

The CSS property to change the border of an element to YUV 212.9840, 20.7139, -64.0070 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(140, 242, 255) }
```


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

```
.border{ border-color:rgb(140, 242, 255) }
```

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

Here you see how a box with a 4 pixel rgb(140, 242, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 212.9840, 20.7139, -64.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 242, 255) }
```

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

```
.background{ background-color: rgb(140,  
242, 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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