

Converting Colors

YUV(212.9510, 20.7302,
-69.2400)

Have a look what the booklet for
YUV(212.9510, 20.7302, -69.2400)
contains.

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Color

**YUV(212.9510, 20.7302,
-69.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	86F5FF
RGB	134, 245, 255
RGB Percent	53%, 96%, 100%
CMY	0.4745, 0.0392, 0.0000
CMYK	0.47, 0.04, 0.00, 0.00
HSL	185°, 100%, 76%
HSV	185°, 47%, 100%
XYZ	60.5339, 77.5931, 106.3942
YIQ	212.9510, -69.3660, -20.4220

Conversions

Conversions Part 2

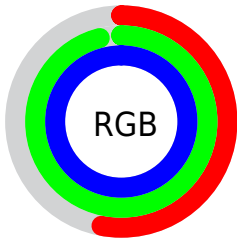
Format	Color
RYB	134, 192, 255
Decimal	8844799
CIELab	90.59, -29.27, -14.68
CIElCh	91, 32.746, 206.638
Yxy	77.5931, 0.2476, 0.3173
Android (android.graphics.Color)	4287034879 (0xFF86F5FF)
YUV	212.9510, 20.7302, -69.2400
Hunter-Lab	88.0870, -31.4859, -9.9515

Details

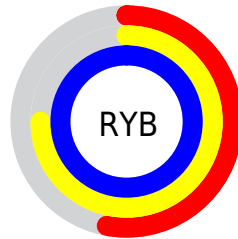
The YUV color **212.9510, 20.7302, -69.2400** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **176.0490, -20.7302, 69.2400**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, 8.9918, -37.5014**, and **154.4560, 21.4672, -72.3139** is the 20% darker color. If you saturate the color by 10%, you get **204.3020, 24.9941, -83.5799**, and if you desaturate by 10%, it is **221.8990, 16.3188, -54.2854**.

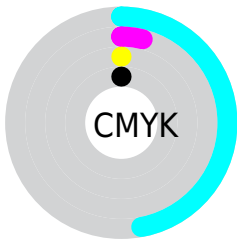
Distribution



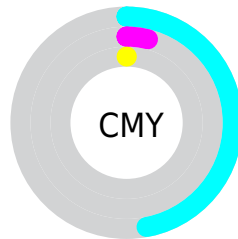
- Red (53%)
- Green (96%)
- Blue (100%)



- Red (53%)
- Yellow (75%)
- Blue (100%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9510, 20.7302, -69.2400 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 212.9510, 20.7302, -69.2400 by changing the saturation by 10% instead.

212.9510, 20.7302,
-69.2400

212.9510, 20.7302,
-69.2400

255.0000, 0.0000,
0.0000

183.6520, 20.8776,
-69.8548

236.7610, 8.9918,
-37.5014

154.4560, 21.4672,
-72.3139

245.7310, 4.5696,
-19.0581

123.5690, 23.3835,
-80.3060

254.7010, 0.1474,
-0.6148

95.7750, 24.2679,
-83.9947

77.5490, 20.4353,
-68.0105

60.0240, 16.7502,
-52.6410

43.9010, 13.3598,

-38.5012

■ 28.3650, 9.6801,
-24.8761

■ 6.7140, 10.4940,
-5.8882

■ 212.9510, 20.7302,
-69.2400

■ 212.9510, 20.7302,
-69.2400

■ 204.3020, 24.9941,
-83.5799

■ 221.8990, 16.3188,
-54.2854

■ 195.3540, 29.4055,
-98.5345

■ 230.5480, 12.0548,
-39.9456

■ 186.7050, 33.6694,
-112.8743

■ 239.4960, 7.6435,
-24.9910

■ 177.7570, 38.0808,
-127.8289

■ 248.1450, 3.3795,
-10.6512

■ 168.5210, 42.6341, 255.0000, 0.0000,
-141.6539 0.0000

■ 166.4280, 43.6660,
-145.9574

Harmonies

Analogous

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



214.6850, 4.0993, -54.9747



212.9510, 20.7302, -69.2400



213.6040, 20.4082, -59.2887

Triad

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



212.9510, 20.7302, -69.2400



229.1720, 12.7332, 22.6512



226.9450, -30.0459, 23.7272

Complementary

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



212.9510, 20.7302, -69.2400



176.0490, -20.7302, 69.2400

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.



222.0410, -22.2052, 28.9050



212.9510, 20.7302, -69.2400



223.1420, 4.8600, 27.9395

Square

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



212.9510, 20.7302, -69.2400



226.9690, 13.8193, 0.9042



220.6680, -9.6963, 30.1092



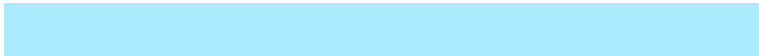
223.5180, -25.8914, -2.2083

Rectangle

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



212.9510, 20.7302, -69.2400



217.8450, 18.3174, -41.9601



220.6680, -9.6963, 30.1092



225.1240, -28.1621, 26.2013

Sweetspot

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



212.9510, 20.7302, -69.2400



242.4750, 6.1748, -20.5876



205.9390, -31.5219, -63.0905



120.2480, 3.8217, -12.4955



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

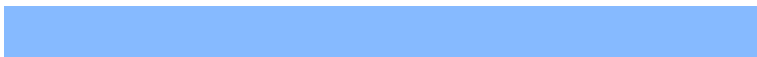
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.9510, 20.7302, -69.2400



204.6010, 24.8467, -82.9651



178.3180, 37.8042, -38.8669



122.9390, 2.4951, -6.9625



124.4990, 32.7850, -109.1856



41.3420, 11.1704, -36.2569

Inverse Universe

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



182.8330, 30.6483, 63.2905



168.5170, 36.7201, 75.8456



210.6820, -37.8042, 38.8669



120.1410, 2.8885, 6.8923



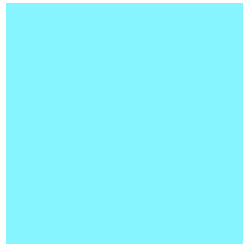
77.0590, 48.2849, 99.9263



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 212.9510, 20.7302, -69.2400 looks on a white background.

Color Contrast Check

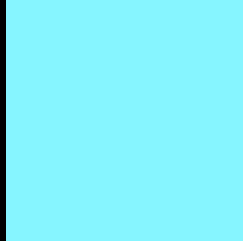
Large Text (above 18pt) WCAG AA × Fail

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 212.9510, 20.7302, -69.2400 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 212.9510, 20.7302, -69.2400

Background



This preview shows how black text looks on a background with the YUV color 212.9510, 20.7302, -69.2400.



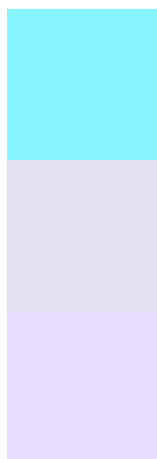
This preview shows how white text looks on a background with the YUV color 212.9510, 20.7302, -69.2400.

-69.2400.

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

212.9510, 20.7302, -69.2400

Protanopia

227.3510, 7.7150, -1.1848

Deuteranopia

228.7520, 12.9403, 2.8485



Tritanopia

218.9860, 17.7549, -48.2227

Trichromacy



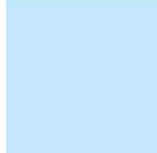
Original Color

212.9510, 20.7302, -69.2400



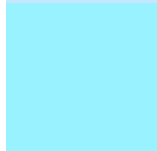
Protanomaly

222.0490, 12.3008, -25.4760



Deuteranomaly

222.6840, 15.9318, -23.4019



Tritanomaly

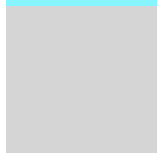
216.8710, 18.7976, -56.0149

Monochromacy



Original Color

212.9510, 20.7302, -69.2400



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.0830, 7.3541, -25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9510, 20.7302, -69.2400 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(134, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 245, 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(134, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 245, 255) }
```

Border

The CSS property to change the border of an element to YUV 212.9510, 20.7302, -69.2400 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(134, 245, 255) }
```


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

```
.border{ border-color:rgb(134, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 245,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 212.9510, 20.7302, -69.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 245, 255) }
```

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

```
.background{ background-color: rgb(134,  
245, 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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