

Converting Colors

YUV(211.1790, 21.6038,
-69.4400)

Have a look what the booklet for
YUV(211.1790, 21.6038, -69.4400)
contains.

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Color

**YUV(211.1790, 21.6038,
-69.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	84F3FF
RGB	132, 243, 255
RGB Percent	52%, 95%, 100%
CMY	0.4824, 0.0471, 0.0000
CMYK	0.48, 0.05, 0.00, 0.00
HSL	186°, 100%, 76%
HSV	186°, 48%, 100%
XYZ	59.6163, 76.2267, 106.1789
YIQ	211.1790, -70.0080, -19.8000

Conversions

Conversions Part 2

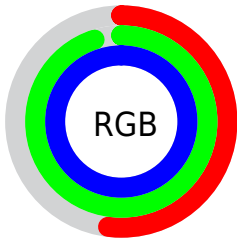
Format	Color
RYB	132, 190, 255
Decimal	8713215
CIELab	89.96, -28.74, -15.63
CIELCh	90, 32.718, 208.542
Yxy	76.2267, 0.2463, 0.3150
Android (android.graphics.Color)	4286903295 (0xFF84F3FF)
YUV	211.1790, 21.6038, -69.4400
Hunter-Lab	87.3079, -30.9040, -10.9895

Details

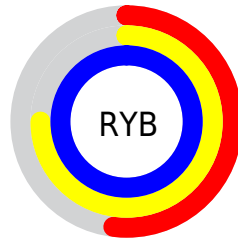
The YUV color **211.1790, 21.6038, -69.4400** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **175.8210, -21.6038, 69.4400**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, 9.2866, -38.7310**, and **152.9720, 22.1988, -73.6434** is the 20% darker color. If you saturate the color by 10%, you get **202.5300, 25.8677, -83.7798**, and if you desaturate by 10%, it is **220.1270, 17.1924, -54.4854**.

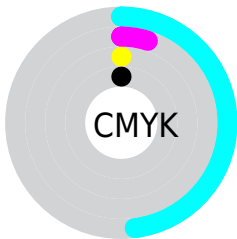
Distribution



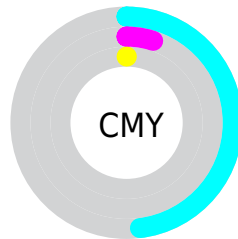
- Red (52%)
- Green (95%)
- Blue (100%)



- Red (52%)
- Yellow (75%)
- Blue (100%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.1790, 21.6038, -69.4400 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 211.1790, 21.6038, -69.4400 by changing the saturation by 10% instead.

211.1790, 21.6038,
-69.4400

211.1790, 21.6038,
-69.4400

255.0000, 0.0000,
0.0000

181.8800, 21.7512,
-70.0548

236.1630, 9.2866,
-38.7310

152.9720, 22.1988,
-73.6434

245.1330, 4.8644,
-20.2876

120.9000, 24.6993,
-82.3503

254.1030, 0.4422,
-1.8443

94.4870, 24.4099,
-82.8651

76.3750, 21.0141,
-66.9809

59.4370, 17.0396,
-52.1262

42.6130, 13.5018,

-37.3716

■ 27.1910, 10.2588,
-23.8465

■ 3.7790, 11.9410,
-3.3142

■ 211.1790, 21.6038,
-69.4400

■ 211.1790, 21.6038,
-69.4400

■ 202.5300, 25.8677,
-83.7798

■ 220.1270, 17.1924,
-54.4854

■ 192.9950, 30.5685,
-98.2196

■ 229.3630, 12.6390,
-40.6604

■ 184.3460, 34.8324,
-112.5594

■ 238.3110, 8.2277,
-25.7057

■ 174.8110, 39.5332,
-126.9992

■ 247.5470, 3.6743,
-11.8807

■ 166.1620, 43.7971, 255.0000, 0.0000,
-141.3391 0.0000

■ 164.0800, 44.8236,
-143.8982

Harmonies

Analogous

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



213.3150, 5.2677, -56.4043



211.1790, 21.6038, -69.4400



212.4300, 20.9870, -58.2591

Triad

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



211.1790, 21.6038, -69.4400



227.9980, 13.3120, 23.6808



224.9340, -30.0405, 21.9829

Complementary

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



211.1790, 21.6038, -69.4400



175.8210, -21.6038, 69.4400

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.



221.1120, -23.2262, 29.7198



211.1790, 21.6038, -69.4400



222.0990, 3.4022, 28.8542

Square

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



211.1790, 21.6038, -69.4400



226.0940, 14.2507, 2.5486



219.1520, -10.4279, 31.4387



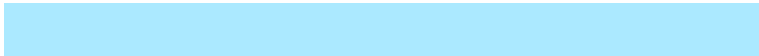
221.1480, -24.7230, -3.6378

Rectangle

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



211.1790, 21.6038, -69.4400



216.9700, 18.7488, -40.3157



219.1520, -10.4279, 31.4387



224.1950, -29.1831, 27.0160

Sweetspot

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



211.1790, 21.6038, -69.4400



242.4750, 6.1748, -20.5876



205.3410, -31.2271, -64.3201



119.6610, 4.1111, -11.9807



0.0000, 0.0000, 0.0000



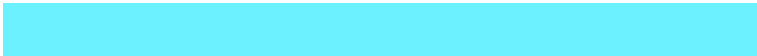
128.0000, 0.0000, 0.0000

Same Dimension

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



211.1790, 21.6038, -69.4400



202.5300, 25.8677, -83.7798



175.9590, 38.9672, -38.5520



122.9390, 2.4951, -6.9625



123.3250, 33.3638, -108.1560



41.3420, 11.1704, -36.2569

Inverse Universe

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



181.4310, 30.3535, 64.5200



166.5280, 36.7147, 77.5899



211.0410, -38.9672, 38.5520



120.1410, 2.8885, 6.8923



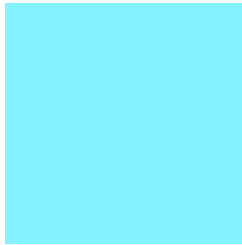
76.8310, 47.4113, 100.1262



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 211.1790, 21.6038, -69.4400 looks on a white background.

Color Contrast Check

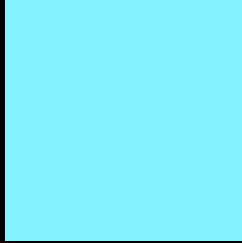
Large Text (above 18pt) WCAG AA × Fail

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 211.1790, 21.6038, -69.4400 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 211.1790, 21.6038, -69.4400

Background



This preview shows how black text looks on a background with the YUV color 211.1790, 21.6038, -69.4400.



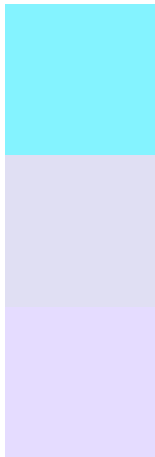
This preview shows how white text looks on a background with the YUV color 211.1790, 21.6038, -69.4400.

-69.4400.

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

211.1790, 21.6038, -69.4400

Protanopia

225.5790, 8.5886, -1.3848

Deuteranopia

226.6810, 13.9613, 2.0338



Tritanopia

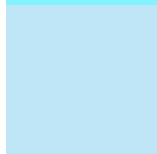
216.3060, 19.0761, -52.0114

Trichromacy



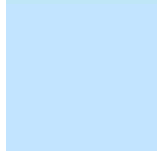
Original Color

211.1790, 21.6038, -69.4400



Protanomaly

220.2770, 13.1744, -25.6759



Deuteranomaly

220.9120, 16.8054, -23.6018



Tritanomaly

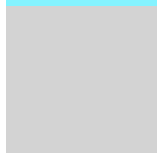
214.2020, 20.1134, -58.0592

Monochromacy



Original Color

211.1790, 21.6038, -69.4400



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

211.1970, 7.7909, -25.6058

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.1790, 21.6038, -69.4400 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(132, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 243, 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(132, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 243, 255) }
```

Border

The CSS property to change the border of an element to YUV 211.1790, 21.6038, -69.4400 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(132, 243, 255) }
```


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

```
.border{ border-color:rgb(132, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 243,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 211.1790, 21.6038, -69.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 243, 255) }
```

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

```
.background{ background-color: rgb(132,  
243, 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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