

Converting Colors

YUV(194.0570, 30.0449,
-70.2100)

Have a look what the booklet for
YUV(194.0570, 30.0449, -70.2100)
contains.

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Color

**YUV(194.0570, 30.0449,
-70.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	72DFFF
RGB	114, 223, 255
RGB Percent	45%, 87%, 100%
CMY	0.5529, 0.1255, 0.0000
CMYK	0.55, 0.13, 0.00, 0.00
HSL	194°, 100%, 72%
HSV	194°, 55%, 100%
XYZ	51.3771, 63.5728, 104.1707
YIQ	194.0570, -75.2360, -13.1560

Conversions

Conversions Part 2

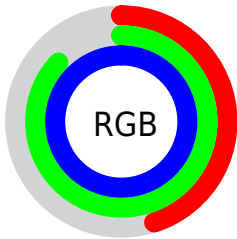
Format	Color
RYB	114, 175, 255
Decimal	7528447
CIELab	83.74, -22.63, -25.10
CIELCh	84, 33.794, 227.969
Yxy	63.5728, 0.2345, 0.2901
Android (android.graphics.Color)	4285718527 (0xFF72DFFF)
YUV	194.0570, 30.0449, -70.2100
Hunter-Lab	79.7325, -24.5122, -21.6497

Details

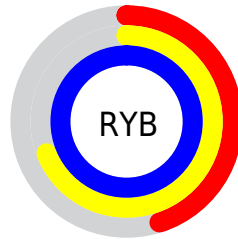
The YUV color **194.0570, 30.0449, -70.2100** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **174.9430, -30.0449, 70.2100**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **134.3440, 31.3824, -79.2317** is the 20% darker color. If you saturate the color by 10%, you get **183.0600, 35.4664, -82.4906**, and if you desaturate by 10%, it is **205.3530, 24.4760, -57.3146**.

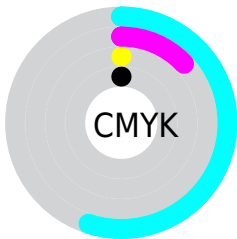
Distribution



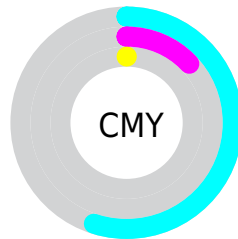
- Red (45%)
- Green (87%)
- Blue (100%)



- Red (45%)
- Yellow (69%)
- Blue (100%)



- Cyan (55%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.0570, 30.0449, -70.2100 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 194.0570, 30.0449, -70.2100 by changing the saturation by 10% instead.

194.0570, 30.0449,
-70.2100

194.0570, 30.0449,
-70.2100

255.0000, 0.0000,
0.0000

164.7470, 30.1977,
-72.5691

231.0800, 11.7926,
-49.1822

134.3440, 31.3824,
-79.2317

240.0500, 7.3704,
-30.7388

102.2610, 33.8883,
-89.6829

249.3190, 2.8007,
-11.6808

83.9210, 29.6189,
-73.5987

66.9830, 25.6444,
-58.7441

50.0450, 21.6698,
-43.8895

33.8080, 17.8427,

-29.6496

■ 19.4460, 13.5841,
-17.0541

■ 3.5510, 11.0674,
-3.1142

■ 194.0570, 30.0449,
-70.2100

■ 194.0570, 30.0449,
-70.2100

■ 183.0600, 35.4664,
-82.4906

■ 205.3530, 24.4760,
-57.3146

■ 171.7640, 41.0353,
-95.3860

■ 216.3500, 19.0545,
-45.0339

■ 161.0550, 46.3149,
-108.7962

■ 227.0590, 13.7749,
-31.6237

■ 150.0580, 51.7364,
-121.0769

■ 238.0560, 8.3534,
-19.3431

■ 144.7090, 54.3735,
-126.9098

■ 249.3520, 2.7845,
-6.4477

255.0000, 0.0000,
0.0000

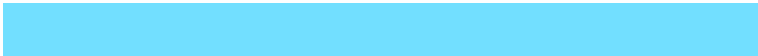
Harmonies

Analogous

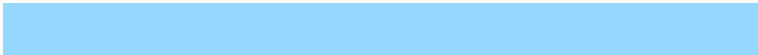
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.0280, 17.2412, -70.1846



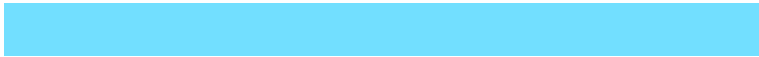
194.0570, 30.0449, -70.2100



200.4130, 26.9114, -45.0892

Triad

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



194.0570, 30.0449, -70.2100



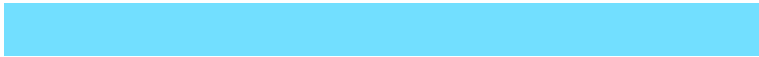
210.8490, 5.9904, 38.7204



205.2910, -28.2445, 5.8838

Complementary

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



194.0570, 30.0449, -70.2100



174.9430, -30.0449, 70.2100

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.



207.9890, -30.0676, 30.7046



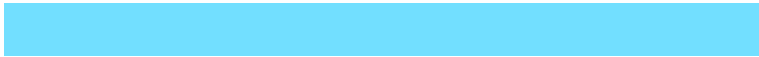
194.0570, 30.0449, -70.2100



207.2010, -7.9871, 41.9197

Square

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



194.0570, 30.0449, -70.2100



213.4690, 18.9958, 20.6367



207.5310, -21.9538, 41.6303



201.1610, -17.8274, -22.0662

Rectangle

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



194.0570, 30.0449, -70.2100



205.5730, 24.3675, -22.4275



207.5310, -21.9538, 41.6303



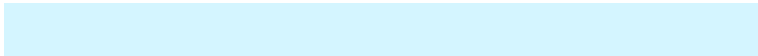
205.8900, -30.0188, 15.0055

Sweetspot

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



194.0570, 30.0449, -70.2100



236.2730, 9.2324, -21.2874



200.3010, -27.2634, -75.6860



116.7040, 5.5689, -12.8954



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.



194.0570, 30.0449, -70.2100



182.4620, 35.7612, -83.7202



153.5540, 50.0129, -34.6889



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237

Inverse Universe

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



168.5850, 26.8266, 75.7860



152.0520, 32.0194, 90.2854



215.4460, -50.0129, 34.6889



120.0270, 2.4517, 6.9923



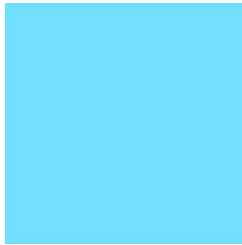
73.9810, 36.4914, 102.6257



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 194.0570, 30.0449, -70.2100 looks on a white background.

Color Contrast Check

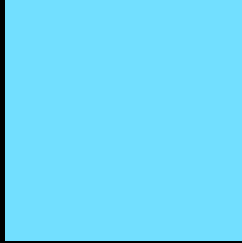
Large Text (above 18pt) WCAG AA × Fail

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 194.0570, 30.0449, -70.2100 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 194.0570, 30.0449, -70.2100 Background



This preview shows how black text looks on a background with the YUV color 194.0570, 30.0449, -70.2100.



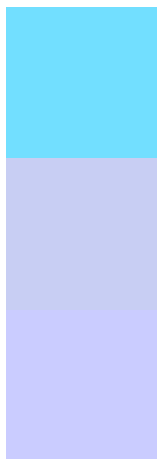
This preview shows how white text looks on a background with the YUV color 194.0570, 30.0449, -70.2100.

-70.2100.

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

194.0570, 30.0449, -70.2100

Protanopia

208.4240, 17.0460, -7.3878

Deuteranopia

209.2160, 22.5715, -6.3284



Tritanopia

192.3680, 24.9616, -73.1137

Trichromacy



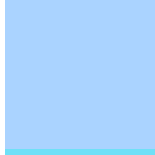
Original Color

194.0570, 30.0449, -70.2100



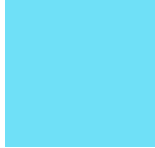
Protanomaly

203.1330, 21.6264, -29.9346



Deuteranomaly

203.7570, 25.2628, -29.6049



Tritanomaly

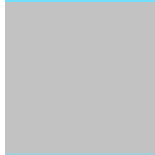
192.8350, 26.7033, -71.7693

Monochromacy



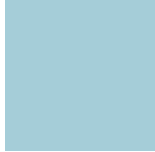
Original Color

194.0570, 30.0449, -70.2100



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.2940, 10.7011, -25.6908

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0570, 30.0449, -70.2100 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(114, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 223, 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(114, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 223, 255) }
```

Border

The CSS property to change the border of an element to YUV 194.0570, 30.0449, -70.2100 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(114, 223, 255) }
```


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

```
.border{ border-color:rgb(114, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 223, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 223, 255); box-shadow:4px 4px 4px 4px rgb(114, 223, 255) }
```

Background

The CSS property to change the background color of an element to YUV 194.0570, 30.0449, -70.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 223, 255) }
```

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

```
.background{ background-color: rgb(114,  
223, 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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