

Converting Colors

YUV(229.2270, 12.2131,
-44.0491)

Have a look what the booklet for
YUV(229.2270, 12.2131, -44.0491)
contains.

YUV(229.2270, 12.2131, -44.0491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(229.2270, 12.2131,
-44.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FAFE
RGB	179, 250, 254
RGB Percent	70%, 98%, 100%
CMY	0.2980, 0.0196, 0.0039
CMYK	0.30, 0.02, 0.00, 0.00
HSL	183°, 97%, 85%
HSV	183°, 30%, 100%
XYZ	70.6654, 85.1107, 106.4695
YIQ	229.2270, -43.6000, -13.8080

Conversions

Conversions Part 2

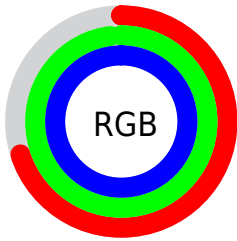
Format	Color
R _Y B	179, 215, 254
Decimal	11795198
CIE Lab	93.93, -20.88, -8.98
CIE LCh	94, 22.727, 203.261
Yxy	85.1107, 0.2695, 0.3245
Android (android.graphics.Color)	4289985278 (0xFFB3FAFE)
YUV	229.2270, 12.2131, -44.0491
Hunter-Lab	92.2554, -24.7204, -3.8461

Details

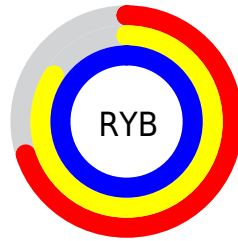
The YUV color $229.2270, 12.2131, -44.0491$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $203.7730, -12.2131, 44.0491$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, 2.6533, -11.0660$, and $172.5260, 12.0657, -43.4343$ is the 20% darker color. If you saturate the color by 10%, you get $221.1650, 16.1877, -58.9037$, and if you desaturate by 10%, it is $237.2890, 8.2385, -29.1945$.

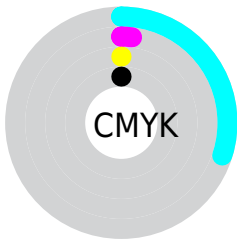
Distribution



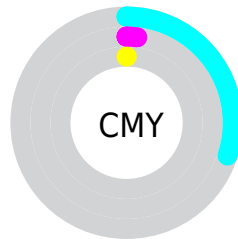
- Red (70%)
- Green (98%)
- Blue (100%)



- Red (70%)
- Yellow (84%)
- Blue (100%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.2270, 12.2131, -44.0491 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 229.2270, 12.2131, -44.0491 by changing the saturation by 10% instead.

229.2270, 12.2131,
-44.0491

229.2270, 12.2131,
-44.0491

255.0000, 0.0000,
0.0000

200.5260, 12.0657,
-43.4343

249.6180, 2.6533,
-11.0660

172.5260, 12.0657,
-43.4343

145.5260, 12.0657,
-43.4343

119.2270, 12.2131,
-44.0491

92.6290, 12.5079,
-45.2786

62.8450, 14.8664,
-55.1151

46.7220, 11.4761,

-40.9752

■ 30.7130, 8.5225,
-26.9353

■ 16.5790, 5.1376,
-14.5398

■ 229.2270, 12.2131,
-44.0491

■ 229.2270, 12.2131,
-44.0491

■ 221.1650, 16.1877,
-58.9037

■ 237.2890, 8.2385,
-29.1945

■ 212.2170, 20.5990,
-73.8583

■ 246.2370, 3.8272,
-14.2398

■ 204.1550, 24.5736,
-88.7129

■ 254.2990, -0.1474,
0.6148

■ 195.7940, 28.6956,
-104.1823

■ 254.8860, -0.4368,
0.1000

■ 187.1450, 32.9595,
-118.5222

■ 179.0830, 36.9341,
-133.3768

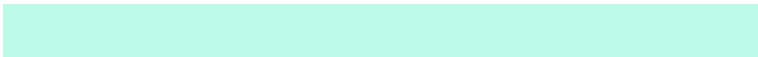
■ 170.7220, 41.0561,
-148.8462

■ 169.8360, 41.4929,
-148.9462

Harmonies

Analogous

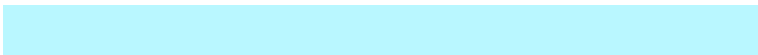
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.0080, 0.9821, -35.0870



229.2270, 12.2131, -44.0491



229.3740, 12.6336, -38.9160

Triad

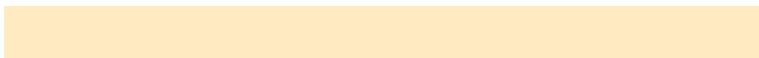
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.2270, 12.2131, -44.0491



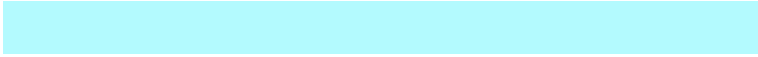
238.5640, 8.1029, 14.4144



235.7190, -20.5675, 16.9094

Complementary

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



229.2270, 12.2131, -44.0491



203.7730, -12.2131, 44.0491

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.



232.6360, -14.6105, 19.6132



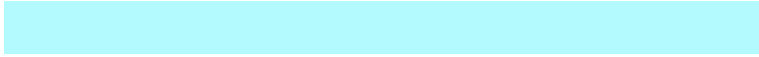
229.2270, 12.2131, -44.0491



234.8480, 4.0189, 17.6733

Square

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



229.2270, 12.2131, -44.0491



236.6930, 9.0254, -1.4848



232.3400, -5.5906, 19.8728



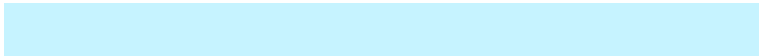
234.4890, -18.4821, 1.3251

Rectangle

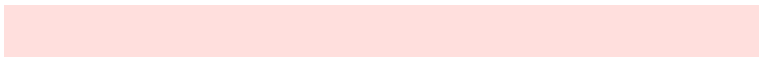
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.2270, 12.2131, -44.0491



230.9130, 11.8749, -28.8647



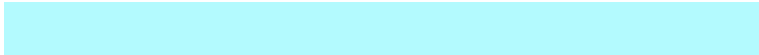
232.3400, -5.5906, 19.8728



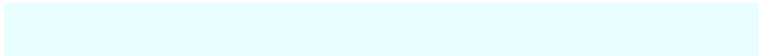
234.7730, -19.1151, 17.7391

Sweetspot

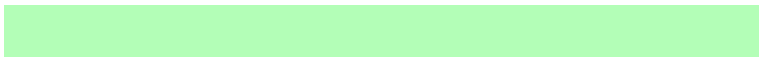
The Sweet Spot groups the original color and five complimentary colors.



229.2270, 12.2131, -44.0491



247.5360, 3.6798, -13.6251



223.4810, -19.9571, -39.0098



122.9280, 2.5005, -8.7069



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.



229.2270, 12.2131, -44.0491



225.4540, 14.5662, -52.1412



207.5080, 22.9206, -25.0015



123.5260, 2.2057, -7.4773



128.0210, 31.0486, -112.2744



42.5160, 10.5916, -37.2865

Inverse Universe

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



209.5190, 19.9571, 39.0098



202.1870, 23.5718, 46.3170



225.4920, -22.9206, 25.0015



120.2550, 3.3253, 6.7924



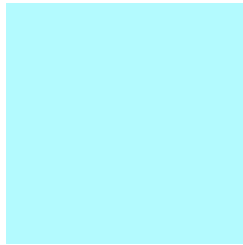
77.7430, 50.9057, 99.3264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 229.2270, 12.2131, -44.0491 looks on a white background.

Color Contrast Check

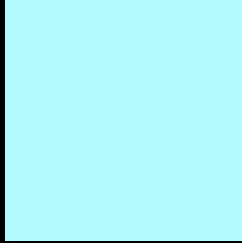
Large Text (above 18pt) WCAG AA × Fail

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 229.2270, 12.2131, -44.0491 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 229.2270, 12.2131, -44.0491 Background



This preview shows how black text looks on a background with the YUV color 229.2270, 12.2131, -44.0491.



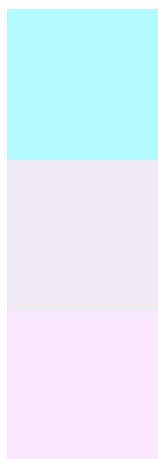
This preview shows how white text looks on a background with the YUV color 229.2270, 12.2131, -44.0491.

-44.0491.

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

229.2270, 12.2131, -44.0491

Protanopia

237.0370, 3.9258, 0.8446

Deuteranopia

238.8190, 7.9772, 8.0517



Tritanopia

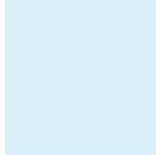
233.9030, 10.4008, -22.7169

Trichromacy



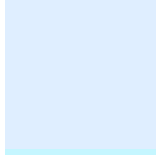
Original Color

229.2270, 12.2131, -44.0491



Protanomaly

234.0350, 6.8847, -14.9397



Deuteranomaly

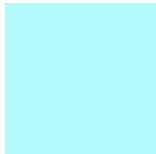
235.4530, 9.6367, -10.9213



Tritanomaly

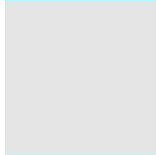
232.3750, 11.1541, -31.0239

Monochromacy



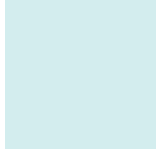
Original Color

229.2270, 12.2131, -44.0491



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

229.3400, 4.2694, -16.0842

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.2270, 12.2131, -44.0491 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(179, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(179, 250, 254)  
}
```

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(179, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 250, 254) }
```

Border

The CSS property to change the border of an element to YUV 229.2270, 12.2131, -44.0491 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(179, 250, 254) }
```


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

```
.border{ border-color:rgb(179, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(179, 250,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 229.2270, 12.2131, -44.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 250, 254) }
```

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

```
.background{ background-color: rgb(179,  
250, 254) }
```

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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