

Converting Colors

YUV(232.3530, 11.1650,
-34.5126)

Have a look what the booklet for
YUV(232.3530, 11.1650, -34.5126)
contains.

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Color

**YUV(232.3530, 11.1650,
-34.5126)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F8FF
RGB	193, 248, 255
RGB Percent	76%, 97%, 100%
CMY	0.2431, 0.0275, 0.0000
CMYK	0.24, 0.03, 0.00, 0.00
HSL	187°, 100%, 88%
HSV	187°, 24%, 100%
XYZ	73.6097, 85.6923, 107.2684
YIQ	232.3530, -35.0270, -9.4830

Conversions

Conversions Part 2

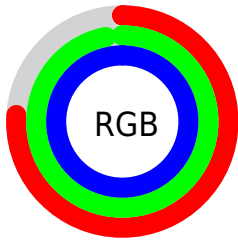
Format	Color
R_{YB}	193, 222, 255
Decimal	12712191
CIE _{Lab}	94.18, -15.75, -9.04
CIE _{LCh}	94, 18.161, 209.852
Yxy	85.6923, 0.2761, 0.3215
Android (android.graphics.Color)	4290902271 (0xFFC1F8FF)
YUV	232.3530, 11.1650, -34.5126
Hunter-Lab	92.5701, -20.0584, -3.9050

Details

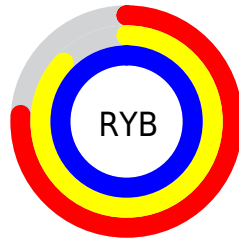
The YUV color $232.3530, 11.1650, -34.5126$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $215.6470, -11.1650, 34.5126$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $176.5380, 10.5808, -33.7978$ is the 20% darker color. If you saturate the color by 10%, you get $223.1170, 15.7183, -48.3376$, and if you desaturate by 10%, it is $241.8880, 6.4642, -20.0728$.

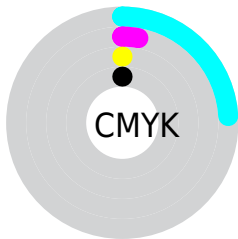
Distribution



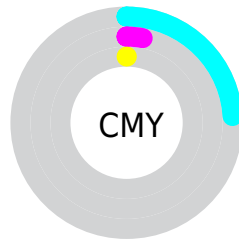
- Red (76%)
- Green (97%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.3530, 11.1650, -34.5126 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 232.3530, 11.1650, -34.5126 by changing the saturation by 10% instead.

232.3530, 11.1650,
-34.5126

232.3530, 11.1650,
-34.5126

255.0000, 0.0000,
0.0000

203.6520, 11.0176,
-33.8978

253.8040, 0.5896,
-2.4591

176.5380, 10.5808,
-33.7978

148.9510, 10.8702,
-33.2830

122.9510, 10.8702,
-33.2830

96.9510, 10.8702,
-33.2830

72.2390, 10.7282,
-34.4126

45.6620, 12.4916,

-40.0456

■ 30.1260, 8.8119,
-26.4205

■ 16.5790, 5.1376,
-14.5398

■ 232.3530, 11.1650,
-34.5126

■ 232.3530, 11.1650,
-34.5126

■ 223.1170, 15.7183,
-48.3376

■ 241.8880, 6.4642,
-20.0728

■ 213.5820, 20.4191,
-62.7774

■ 251.1240, 1.9109,
-6.2477

■ 204.3460, 24.9724,
-76.6024

■ 255.0000, 0.0000,
0.0000

■ 194.8110, 29.6732,
-91.0422

■ 186.1620, 33.9371,
-105.3821

■ 176.6270, 38.6379,
-119.8219

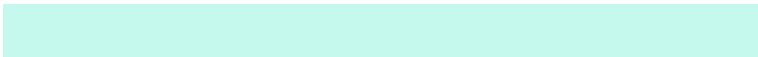
■ 167.3910, 43.1912,
-133.6469

■ 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.



232.4970, 2.7130, -30.2539



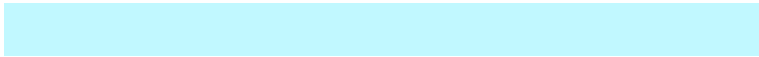
232.3530, 11.1650, -34.5126



232.9840, 10.8539, -28.0500

Triad

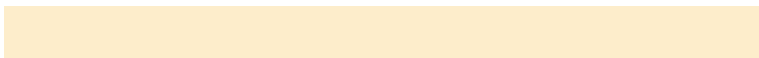
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.3530, 11.1650, -34.5126



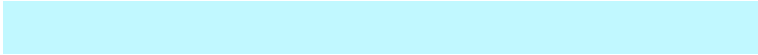
239.7380, 7.5242, 13.3848



237.9080, -17.2096, 13.2357

Complementary

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



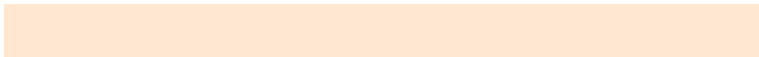
232.3530, 11.1650, -34.5126



215.6470, -11.1650, 34.5126

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.



235.6680, -13.1473, 16.9542



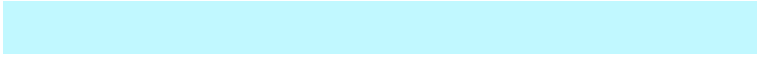
232.3530, 11.1650, -34.5126



236.1530, 1.4036, 16.5288

Square

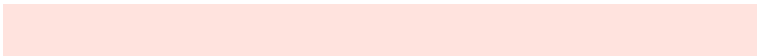
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.3530, 11.1650, -34.5126



238.7860, 7.9935, 2.8187



234.8020, -6.3114, 17.7136



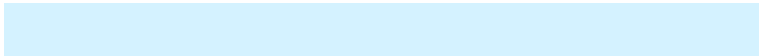
236.0200, -13.8139, -2.6485

Rectangle

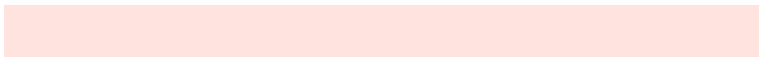
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.3530, 11.1650, -34.5126



234.5120, 10.1006, -19.7430



234.8020, -6.3114, 17.7136



237.4460, -16.4889, 15.3949

Sweetspot

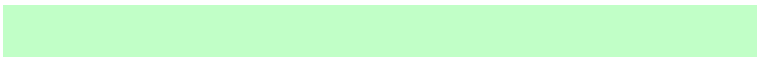
The Sweet Spot groups the original color and five complimentary colors.



232.3530, 11.1650, -34.5126



248.4440, 3.2321, -10.0364



230.0780, -15.3215, -32.5174



123.5370, 2.2003, -5.7329



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.



232.3530, 11.1650, -34.5126



228.1780, 13.2232, -41.3751



214.7430, 19.8467, -19.0686



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.



217.8080, 14.8847, 32.6174



210.6500, 17.9206, 38.8950



233.2570, -19.8467, 19.0686



120.1410, 2.8885, 6.8923



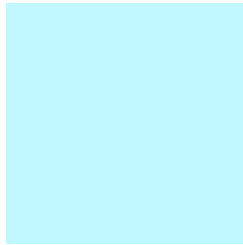
76.4890, 46.1009, 100.4261



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 232.3530, 11.1650, -34.5126 looks on a white background.

Color Contrast Check

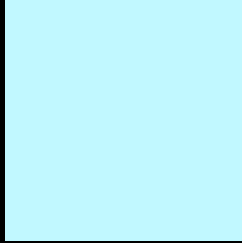
Large Text (above 18pt) WCAG AA × Fail

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 232.3530, 11.1650, -34.5126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

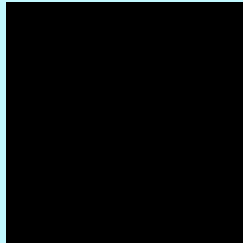
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.3530, 11.1650, -34.5126

Background



This preview shows how black text looks on a background with the YUV color 232.3530, 11.1650, -34.5126.



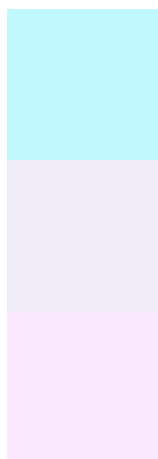
This preview shows how white text looks on a background with the YUV color 232.3530, 11.1650, -34.5126.

-34.5126.

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

232.3530, 11.1650, -34.5126

Protanopia

238.2650, 4.7994, 0.6446

Deuteranopia

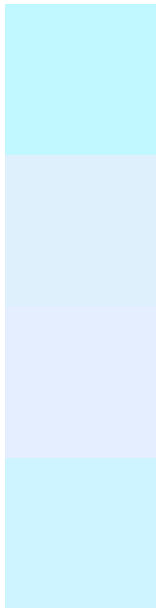
239.7050, 7.5404, 8.1517



Tritanopia

235.6970, 9.5164, -19.0283

Trichromacy



Original Color

232.3530, 11.1650, -34.5126

Protanomaly

235.8720, 7.4581, -12.1657

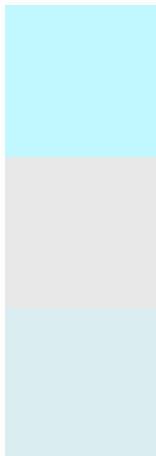
Deuteranomaly

237.2470, 8.7522, -7.2326

Tritanomaly

234.4790, 10.1169, -24.9761

Monochromacy



Original Color

232.3530, 11.1650, -34.5126

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.2480, 3.8217, -12.4955

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.3530, 11.1650, -34.5126 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(193, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 248, 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(193, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 248, 255) }
```

Border

The CSS property to change the border of an element to YUV 232.3530, 11.1650, -34.5126 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(193, 248, 255) }
```


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

```
.border{ border-color:rgb(193, 248, 255) }
```

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

Here you see how a box with a 4 pixel rgb(193, 248, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 248,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 232.3530, 11.1650, -34.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 248, 255) }
```

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

```
.background{ background-color: rgb(193,  
248, 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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