

Converting Colors

YUV(214.9990, -12.3245,
-60.5121)

Have a look what the booklet for
YUV(214.9990, -12.3245, -60.5121)
contains.

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Color

**YUV(214.9990, -12.3245,
-60.5121)**

Conversions

Conversions Part 1

Format	Color
Hex	92FFBE
RGB	146, 255, 190
RGB Percent	57%, 100%, 75%
CMY	0.4275, 0.0000, 0.2549
CMYK	0.43, 0.00, 0.25, 0.00
HSL	144°, 100%, 79%
HSV	144°, 43%, 100%
XYZ	56.9083, 81.3487, 61.4177
YIQ	214.9990, -44.0990, -43.3230

Conversions

Conversions Part 2

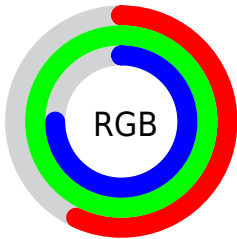
Format	Color
RYB	146, 224, 255
Decimal	9633726
CIELab	92.29, -45.33, 21.45
CIELCh	92, 50.151, 154.676
Yxy	81.3487, 0.2850, 0.4074
Android (android.graphics.Color)	4287823806 (0xFF92FFBE)
YUV	214.9990, -12.3245, -60.5121
Hunter-Lab	90.1935, -45.2126, 22.7617

Details

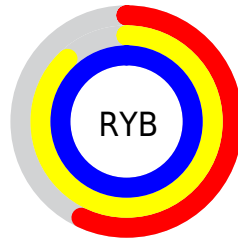
The YUV color **214.9990, -12.3245, -60.5121** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **186.0010, 12.3245, 60.5121**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.7250, 3.5866, -30.4538**, and **158.0420, -10.8667, -61.4268** is the 20% darker color. If you saturate the color by 10%, you get **205.8140, -15.1913, -74.3819**, and if you desaturate by 10%, it is **224.1840, -9.4577, -46.6424**.

Distribution



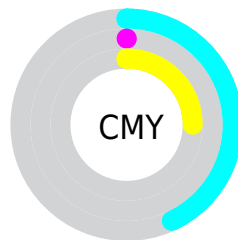
- Red (57%)
- Green (100%)
- Blue (75%)



- Red (57%)
- Yellow (88%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 214.9990, -12.3245, -60.5121 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 214.9990, -12.3245, -60.5121 by changing the saturation by 10% instead.

 214.9990,
-12.3245, -60.5121


 214.9990,
-12.3245, -60.5121


255.0000, 0.0000,
0.0000


 186.2270,
-11.4509, -60.7121


 238.7250, 3.5866,
-30.4538


 158.0420,
-10.8667, -61.4268

 248.4220, 3.2430,
-13.5251

 129.7860, -9.2615,
-62.9563

 99.1270, -6.4716,
-71.1484

 75.7470, -6.7773,
-66.4301

 57.9770, -8.8627,
-50.8458

 41.3810, -11.5268,

-36.2911

■ 25.8280, -12.7332,
-22.6512

■ 8.8050, -4.3409,
-7.7220

■ 214.9990,
-12.3245, -60.5121

■ 214.9990,
-12.3245, -60.5121

■ 205.8140,
-15.1913, -74.3819

■ 224.1840, -9.4577,
-46.6424

■ 196.3300,
-17.9107, -88.8664

■ 233.6680, -6.7383,
-32.1578

■ 186.7320,
-21.0669, -103.2510

■ 243.2660, -3.5821,
-17.7733

■ 177.5470,
-23.9337, -117.1207

■ 252.4510, -0.7153,
-3.9035

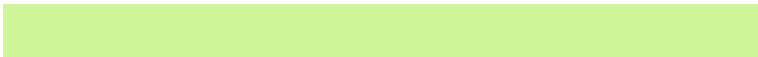
■ 168.0630, 255.0000, 0.0000,
-26.6531, -131.6053 0.0000

■ 161.4270,
-28.8045, -141.5715

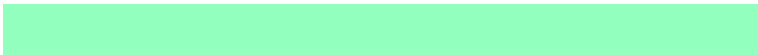
Harmonies

Analogous

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



223.3240, -35.1627, -15.1931



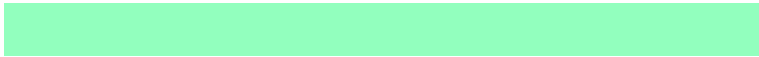
214.9990, -12.3245, -60.5121



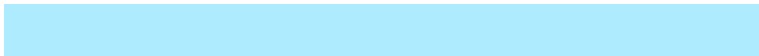
197.8610, 20.2815, -112.1341

Triad

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



214.9990, -12.3245, -60.5121



219.0410, 17.7278, -39.5010



214.7520, -17.1327, 35.2975

Complementary

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



214.9990, -12.3245, -60.5121



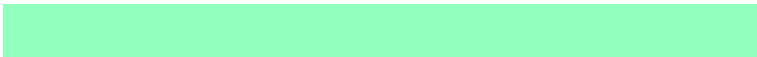
186.0010, 12.3245, 60.5121

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.



216.5880, 5.1331, 33.6873



214.9990, -12.3245, -60.5121



231.1880, 11.7393, 14.7441

Square

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



214.9990, -12.3245, -60.5121



198.8540, 27.6800, -105.1120



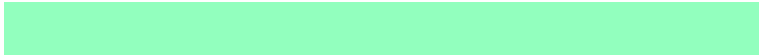
223.8890, 15.3377, 27.2843



219.7950, -35.8879, 30.8748

Rectangle

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



214.9990, -12.3245, -60.5121



178.7550, 37.5888, -156.7681



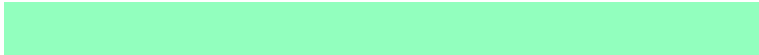
223.8890, 15.3377, 27.2843



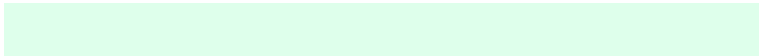
214.1140, -9.4232, 35.8570

Sweetspot

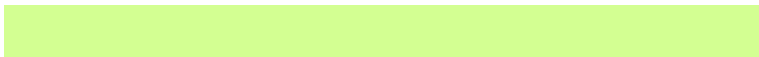
The Sweet Spot groups the original color and five complimentary colors.



214.9990, -12.3245, -60.5121



242.8530, -3.8715, -18.2881



229.4180, -41.1251, -16.1526



120.2390, -2.5828, -11.6106



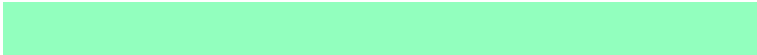
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

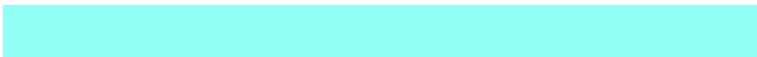
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.9990, -12.3245, -60.5121



207.2380, -14.9073, -72.1227



221.1550, 11.2626, -65.9109



123.2010, -1.5781, -7.1923



120.8950, -21.6402, -106.0249



40.5320, -7.1643, -35.5466

Inverse Universe

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



186.0010, 12.3245, 60.5121



172.7620, 14.9073, 72.1227



179.8450, -11.2626, 65.9109



119.6850, 1.1413, 7.2923



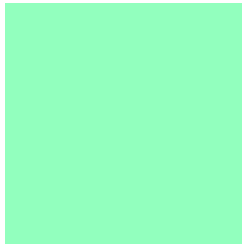
70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 214.9990, -12.3245, -60.5121 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 214.9990, -12.3245, -60.5121 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 214.9990, -12.3245, -60.5121 Background



This preview shows how black text looks on a background with the YUV color 214.9990, -12.3245, -60.5121.



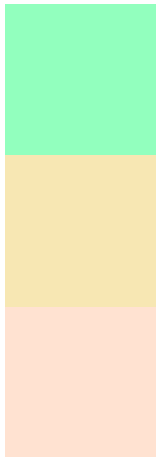
This preview shows how white text looks on a background with the YUV color 214.9990, -12.3245, -60.5121.

-60.5121.

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

214.9990, -12.3245, -60.5121

Protanopia

229.8560, -25.0720, 15.0353

Deuteranopia

232.7330, -11.7004, 19.5282



Tritanopia

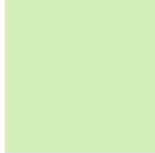
226.7490, 13.9277, -33.9829

Trichromacy



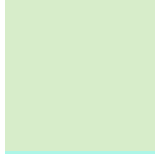
Original Color

214.9990, -12.3245, -60.5121



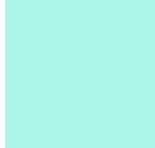
Protanomaly

224.5320, -20.4753, -12.7446



Deuteranomaly

226.4320, -12.0450, -10.0259



Tritanomaly

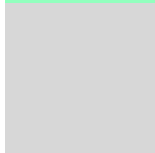
222.4630, 4.2087, -43.3791

Monochromacy



Original Color

214.9990, -12.3245, -60.5121



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.3040, -4.5869, -22.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.9990, -12.3245, -60.5121 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(146, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(146, 255, 190)  
}
```

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(146, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 255, 190) }
```

Border

The CSS property to change the border of an element to YUV 214.9990, -12.3245, -60.5121 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(146, 255, 190) }
```


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

```
.border{ border-color:rgb(146, 255, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(146, 255,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 214.9990, -12.3245, -60.5121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 255, 190) }
```

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

```
.background{ background-color: rgb(146,  
255, 190) }
```

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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