

Converting Colors

YUV(211.2540, -12.4502,
-66.8748)

Have a look what the booklet for
YUV(211.2540, -12.4502, -66.8748)
contains.

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Color

**YUV(211.2540, -12.4502,
-66.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	87FFBA
RGB	135, 255, 186
RGB Percent	53%, 100%, 73%
CMY	0.4706, 0.0000, 0.2706
CMYK	0.47, 0.00, 0.27, 0.00
HSL	146°, 100%, 76%
HSV	146°, 47%, 100%
XYZ	54.6146, 80.2161, 59.0591
YIQ	211.2540, -49.3710, -46.8990

Conversions

Conversions Part 2

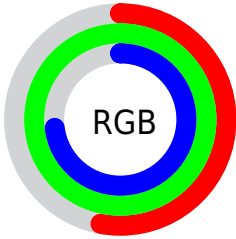
Format	Color
RYB	135, 219, 255
Decimal	8912826
CIELab	91.78, -48.90, 22.72
CIELCh	92, 53.918, 155.074
Yxy	80.2161, 0.2817, 0.4137
Android (android.graphics.Color)	4287102906 (0xFF87FFBA)
YUV	211.2540, -12.4502, -66.8748
Hunter-Lab	89.5634, -47.8890, 23.5979

Details

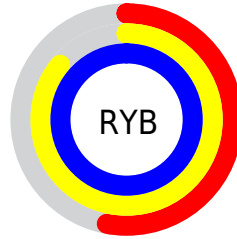
The YUV color **211.2540, -12.4502, -66.8748** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **178.7460, 12.4502, 66.8748**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2790, 3.3135, -36.2017**, and **153.2260, -9.9714, -68.6042** is the 20% darker color. If you saturate the color by 10%, you get **202.0690, -15.3170, -80.7445**, and if you desaturate by 10%, it is **220.7380, -9.7308, -52.3902**.

Distribution



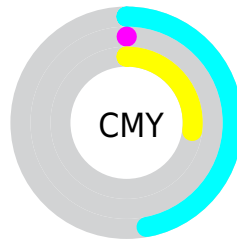
- Red (53%)
- Green (100%)
- Blue (73%)



- Red (53%)
- Yellow (86%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.2540, -12.4502, -66.8748 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 211.2540, -12.4502, -66.8748 by changing the saturation by 10% instead.

■ 211.2540,
-12.4502, -66.8748

■ 211.2540,
-12.4502, -66.8748

■ 255.0000, 0.0000,
0.0000

■ 182.4820,
-11.5766, -67.0747

■ 235.2790, 3.3135,
-36.2017

■ 153.2260, -9.9714,
-68.6042

■ 245.4320, 4.7170,
-19.6729

■ 123.9480, -8.3554,
-73.6224

■ 254.4020, 0.2948,
-1.2296

■ 93.2890, -5.5655,
-81.8145

■ 74.8180, -7.7983,
-65.6154

■ 57.5210, -10.6099,
-50.4459

■ 40.3380, -12.9846,

-35.3764

■ 25.8280, -12.7332,
-22.6512

■ 7.0440, -3.4727,
-6.1776

■ 211.2540,
-12.4502, -66.8748

■ 211.2540,
-12.4502, -66.8748

■ 202.0690,
-15.3170, -80.7445

■ 220.7380, -9.7308,
-52.3902

■ 192.6990,
-17.5996, -95.3290

■ 229.8090, -7.3008,
-38.4205

■ 183.2150,
-20.3190, -109.8136

■ 239.2930, -4.5814,
-23.9360

■ 174.0300,
-23.1858, -123.6833

■ 248.4780, -1.7147,
-10.0662

■ 164.9590, 255.0000, 0.0000,
-25.6158, -137.6530 0.0000

■ 161.9970,
-26.6205, -142.0714

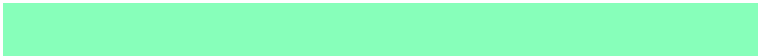
Harmonies

Analogous

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



220.9170, -37.9201, -17.4672



211.2540, -12.4502, -66.8748



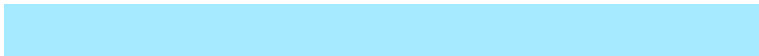
182.3130, 27.9467, -144.1025

Triad

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



211.2540, -12.4502, -66.8748



216.0620, 19.1964, -43.9044



211.8340, -18.1592, 37.8566

Complementary

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



211.2540, -12.4502, -66.8748



178.7460, 12.4502, 66.8748

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.



213.4250, 5.7065, 36.4613



211.2540, -12.4502, -66.8748



229.4270, 12.6075, 16.2885

Square

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



211.2540, -12.4502, -66.8748



184.5130, 34.7501, -132.8769



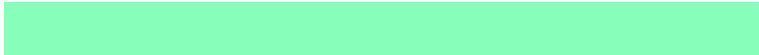
220.9540, 16.7847, 29.8583



217.0080, -38.9509, 33.3190

Rectangle

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



211.2540, -12.4502, -66.8748



178.7550, 37.5888, -156.7681



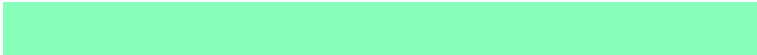
220.9540, 16.7847, 29.8583



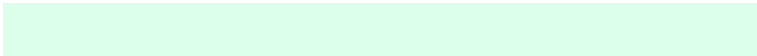
211.1960, -10.4496, 38.4161

Sweetspot

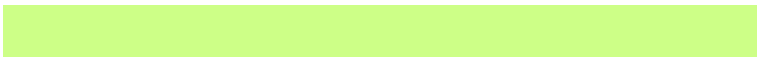
The Sweet Spot groups the original color and five complimentary colors.



211.2540, -12.4502, -66.8748



241.8420, -3.8661, -20.0324



226.3700, -45.0454, -18.7415



119.9400, -2.4354, -12.2254



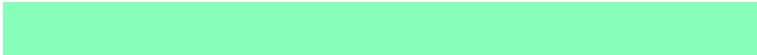
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



211.2540, -12.4502, -66.8748



202.8950, -14.7382, -79.7149



217.9800, 13.3209, -72.7735



123.2010, -1.5781, -7.1923



121.3510, -19.8930, -106.4248



40.6460, -6.7275, -35.6465

Inverse Universe

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



178.7460, 12.4502, 66.8748



164.1050, 14.7382, 79.7149



172.0200, -13.3209, 72.7735



119.6850, 1.1413, 7.2923



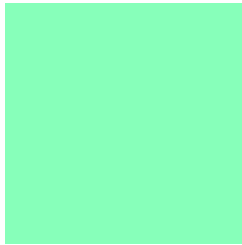
69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 211.2540, -12.4502, -66.8748 looks on a white background.

Color Contrast Check

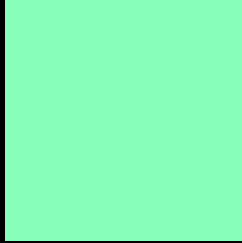
Large Text (above 18pt) WCAG AA × Fail

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 211.2540, -12.4502, -66.8748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

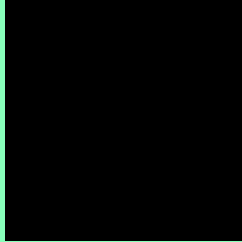
Any Text WCAG AA ✓ Pass

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 211.2540, -12.4502, -66.8748 Background



This preview shows how black text looks on a background with the YUV color 211.2540, -12.4502, -66.8748.



This preview shows how white text looks on a background with the YUV color 211.2540, -12.4502, -66.8748.

-66.8748.

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

211.2540, -12.4502, -66.8748

Protanopia

228.4000, -26.8192, 15.4352

Deuteranopia

231.1030, -12.8688, 20.9577



Tritanopia

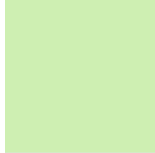
224.6560, 14.9596, -38.2863

Trichromacy



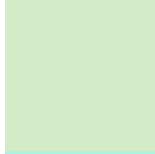
Original Color

211.2540, -12.4502, -66.8748



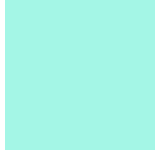
Protanomaly

222.1790, -21.7802, -14.1890



Deuteranomaly

223.6060, -12.6238, -11.0555



Tritanomaly

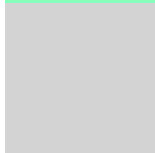
219.6580, 5.0986, -48.8121

Monochromacy



Original Color

211.2540, -12.4502, -66.8748



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.9940, -4.4340, -24.5507

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.2540, -12.4502, -66.8748 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(135, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(135, 255, 186)  
}
```

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(135, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 255, 186) }
```

Border

The CSS property to change the border of an element to YUV 211.2540, -12.4502, -66.8748 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(135, 255, 186) }
```


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

```
.border{ border-color:rgb(135, 255, 186) }
```

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

Here you see how a box with a 4 pixel rgb(135, 255, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(135, 255,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 211.2540, -12.4502, -66.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 255, 186) }
```

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

```
.background{ background-color: rgb(135,  
255, 186) }
```

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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