

Converting Colors

YUV(196.0510, -11.3641,
-88.6217)

Have a look what the booklet for
YUV(196.0510, -11.3641, -88.6217)
contains.

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Color

**YUV(196.0510, -11.3641,
-88.6217)**

Conversions

Conversions Part 1

Format	Color
Hex	5FFCAD
RGB	95, 252, 173
RGB Percent	37%, 99%, 68%
CMY	0.6275, 0.0118, 0.3216
CMYK	0.62, 0.00, 0.31, 0.01
HSL	150°, 96%, 68%
HSV	150°, 62%, 99%
XYZ	47.0725, 75.0708, 51.5443
YIQ	196.0510, -68.2130, -57.8530

Conversions

Conversions Part 2

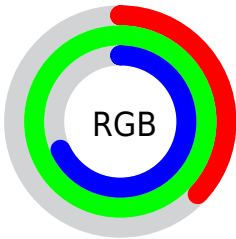
Format	Color
RYB	95, 200, 252
Decimal	6290605
CIELab	89.43, -58.83, 25.90
CIELCh	89, 64.279, 156.242
Yxy	75.0708, 0.2710, 0.4322
Android (android.graphics.Color)	4284480685 (0xFF5FFCAD)
YUV	196.0510, -11.3641, -88.6217
Hunter-Lab	86.6434, -54.6487, 25.3787

Details

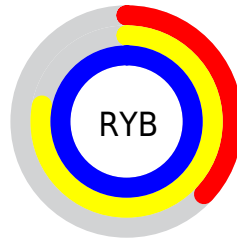
The YUV color **196.0510, -11.3641, -88.6217** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **150.9490, 11.3641, 88.6217**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3320, 2.7943, -56.4192**, and **127.5580, -3.7261, -111.8684** is the 20% darker color. If you saturate the color by 10%, you get **187.0940, -13.3573, -102.6914**, and if you desaturate by 10%, it is **205.0080, -9.3709, -74.5520**.

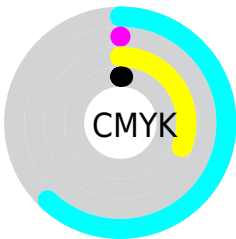
Distribution



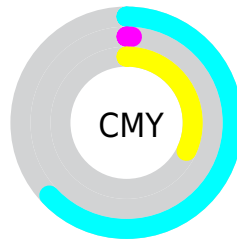
- Red (37%)
- Green (99%)
- Blue (68%)



- Red (37%)
- Yellow (78%)
- Blue (99%)



- Cyan (62%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)



- Cyan (63%)
- Magenta (1%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.0510, -11.3641, -88.6217 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 196.0510, -11.3641, -88.6217 by changing the saturation by 10% instead.

■ 196.0510,
-11.3641, -88.6217

■ 196.0510,
-11.3641, -88.6217

255.0000, 0.0000,
0.0000

■ 164.8870, -9.3113,
-93.7399

■ 223.3320, 2.7943,
-56.4192

■ 127.5580, -3.7261,
-111.8684

■ 235.2660, 9.7289,
-40.5753

■ 108.2720, -6.5431,
-94.9545

■ 244.5350, 5.1592,
-21.5172

■ 89.6870, -9.2127,
-78.6555

■ 253.8040, 0.5896,
-2.4591

■ 71.1020, -11.8823,
-62.3565

■ 53.9190, -14.2571,
-47.2870

■ 36.3940, -17.9422,

-31.9175

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 196.0510,
-11.3641, -88.6217

■ 196.0510,
-11.3641, -88.6217

■ 187.0940,
-13.3573, -102.6914

■ 205.0080, -9.3709,
-74.5520

■ 178.2510,
-14.9137, -116.8611

■ 213.8510, -7.8145,
-60.3823

■ 168.9950,
-16.7595, -131.5456

■ 223.1070, -5.9688,
-45.6978

■ 162.1740,
-18.3268, -142.2266

■ 232.0640, -3.9756,
-31.6281

■ 240.9070, -2.4192,
-17.4584

■ 249.8640, -0.4260,
-3.3887

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



210.9780, -43.8662, -23.6597



196.0510, -11.3641, -88.6217



176.5890, 29.2896, -154.8686

Triad

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



196.0510, -11.3641, -88.6217



204.1790, 25.0548, -56.2850



200.7490, -22.5543, 47.5781

Complementary

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



196.0510, -11.3641, -88.6217



150.9490, 11.3641, 88.6217

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.



201.6050, 6.1107, 46.8274



196.0510, -11.3641, -88.6217



221.7850, 16.3750, 21.2366

Square

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



196.0510, -11.3641, -88.6217



172.2980, 40.7721, -151.1053



211.5620, 21.4149, 38.0951



208.7610, -47.7032, 40.5516

Rectangle

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



196.0510, -11.3641, -88.6217



178.7550, 37.5888, -156.7681



211.5620, 21.4149, 38.0951



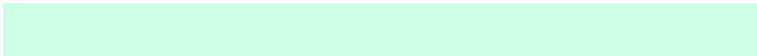
199.9800, -12.8081, 48.2525

Sweetspot

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



196.0510, -11.3641, -88.6217



237.9120, -3.4076, -27.1098



211.3780, -57.3744, -31.0265



117.3200, -2.1298, -16.9436



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.



196.0510, -11.3641, -88.6217



186.9470, -13.7779, -107.8245



204.7150, 21.8325, -96.2201



120.4290, -0.7045, -7.3922



121.6590, -13.6359, -106.6949



39.2270, -4.5489, -34.4021

Inverse Universe

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



150.9490, 11.3641, 88.6217



132.0530, 13.7779, 107.8245



142.2850, -21.8325, 96.2201



116.6850, 1.1413, 7.2923



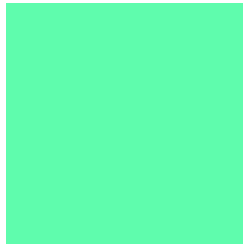
67.3410, 13.6359, 106.6949



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 196.0510, -11.3641, -88.6217 looks on a white background.

Color Contrast Check

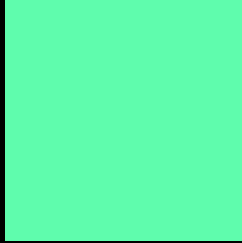
Large Text (above 18pt) WCAG AA × Fail

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 196.0510, -11.3641, -88.6217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

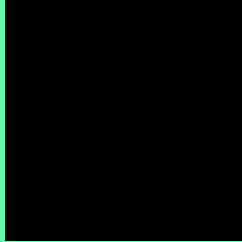
Any Text WCAG AA ✓ Pass

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 196.0510, -11.3641, -88.6217 Background



This preview shows how black text looks on a background with the YUV color 196.0510, -11.3641, -88.6217.

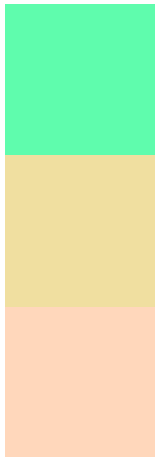


This preview shows how white text looks on a background with the YUV color 196.0510, -11.3641, -88.6217.

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

196.0510, -11.3641, -88.6217

Protanopia

220.9010, -30.0242, 16.7498

Deuteranopia

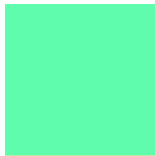
223.7680, -18.1266, 27.3905



Tritanopia

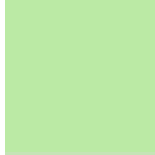
212.1310, 21.1344, -58.8739

Trichromacy



Original Color

196.0510, -11.3641, -88.6217



Protanomaly

212.0810, -23.2109, -21.9960



Deuteranomaly

213.4870, -15.5231, -14.4591



Tritanomaly

206.2640, 9.2368, -69.5145

Monochromacy



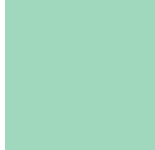
Original Color

196.0510, -11.3641, -88.6217



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.7650, -3.8281, -32.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0510, -11.3641, -88.6217 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(95, 252, 173)` looks like.

```
.text, #text, p{  
    color:rgb(95, 252, 173)  
}
```

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(95, 252, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 252, 173) }
```

Border

The CSS property to change the border of an element to YUV 196.0510, -11.3641, -88.6217 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(95, 252, 173) }
```


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

```
.border{ border-color:rgb(95, 252, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 252, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 252, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 252, 173);  
box-shadow:4px 4px 4px 4px rgb(95, 252,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 196.0510, -11.3641, -88.6217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 252, 173) }
```

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

```
.background{ background-color: rgb(95, 252,  
173) }
```

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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