

Converting Colors

YUV(189.2850, -12.9585,
-90.5809)

Have a look what the booklet for
YUV(189.2850, -12.9585, -90.5809)
contains.

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Color

**YUV(189.2850, -12.9585,
-90.5809)**

Conversions

Conversions Part 1

Format	Color
Hex	56F7A3
RGB	86, 247, 163
RGB Percent	34%, 97%, 64%
CMY	0.6627, 0.0314, 0.3608
CMYK	0.65, 0.00, 0.34, 0.03
HSL	149°, 91%, 65%
HSV	149°, 65%, 97%
XYZ	43.7094, 71.1443, 46.0788
YIQ	189.2850, -68.9920, -60.2560

Conversions

Conversions Part 2

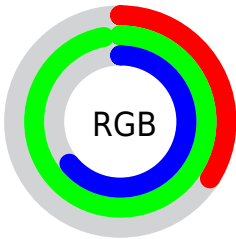
Format	Color
R _Y B	86, 195, 247
Decimal	5699491
CIE Lab	87.56, -60.42, 28.39
CIE LCh	88, 66.758, 154.835
Yxy	71.1443, 0.2716, 0.4421
Android (android.graphics.Color)	4283889571 (0xFF56F7A3)
YUV	189.2850, -12.9585, -90.5809
Hunter-Lab	84.3471, -55.1072, 26.6528

Details

The YUV color $189.2850, -12.9585, -90.5809$ 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 $143.7150, 12.9585, 90.5809$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.6860, -0.8312, -60.2376$, and $123.5970, -6.2103, -108.3946$ is the 20% darker color. If you saturate the color by 10%, you get $180.3280, -14.9517, -104.6507$, and if you desaturate by 10%, it is $198.2420, -10.9653, -76.5112$.

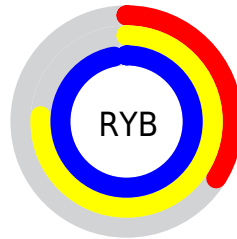
Distribution



Red (34%)

Green (97%)

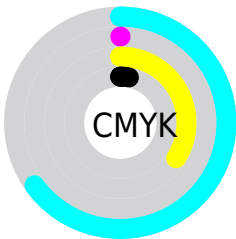
Blue (64%)



Red (34%)

Yellow (76%)

Blue (97%)

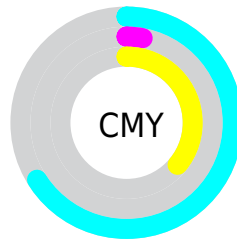


Cyan (65%)

Magenta (0%)

Yellow (34%)

Black (3%)



Cyan (66%)

Magenta (3%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2850, -12.9585, -90.5809 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 189.2850, -12.9585, -90.5809 by changing the saturation by 10% instead.

189.2850,
-12.9585, -90.5809

189.2850,
-12.9585, -90.5809

255.0000, 0.0000,
0.0000

157.2240,
-10.4634, -97.5434

219.6860, -0.8312,
-60.2376

123.5970, -6.2103,
-108.3946

232.2610, 7.2663,
-44.0789

104.8980, -9.3167,
-91.9955

242.1430, 6.3385,
-26.4354

85.7260, -11.6969,
-75.1817

251.4120, 1.7689,
-7.3773

67.7280, -14.6559,
-59.3975

49.8440, -17.1781,
-43.7132

34.0460, -16.7847,

-29.8583

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 189.2850,
-12.9585, -90.5809

■ 189.2850,
-12.9585, -90.5809

■ 180.3280,
-14.9517, -104.6507

■ 198.2420,
-10.9653, -76.5112

■ 171.6700,
-17.0923, -118.1056

■ 206.9000, -8.8247,
-63.0563

■ 162.7130,
-19.0855, -132.1753

■ 215.8570, -6.8315,
-48.9866

■ 158.4410,
-19.9374, -138.9528

■ 224.8140, -4.8383,
-34.9169

■ 233.6570, -3.2819,
-20.7472

■ 242.3150, -1.1413,
-7.2923

■ 250.0760, 1.4415,
4.3183

■ 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



205.4790, -47.0711, -22.3451



189.2850, -12.9585, -90.5809



173.3290, 26.9528, -152.0095

Triad

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



189.2850, -12.9585, -90.5809



195.5520, 29.3079, -67.1361



195.4830, -22.4231, 52.1964

Complementary

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



189.2850, -12.9585, -90.5809



143.7150, 12.9585, 90.5809

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.



196.6810, 7.5523, 51.1458



189.2850, -12.9585, -90.5809



216.7460, 18.8592, 17.7628

Square

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



189.2850, -12.9585, -90.5809



169.9500, 41.9297, -149.0461



207.4530, 23.4407, 41.6987



203.7400, -49.1718, 44.9550

Rectangle

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



189.2850, -12.9585, -90.5809



176.4070, 38.7463, -154.7089



207.4530, 23.4407, 41.6987



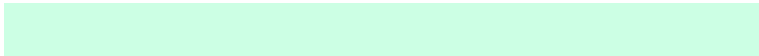
194.2410, -11.9508, 53.2856

Sweetspot

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



189.2850, -12.9585, -90.5809



236.6730, -4.2758, -28.6542



206.2210, -59.2690, -30.0118



116.9070, -2.4192, -17.4584



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.



189.2850, -12.9585, -90.5809



183.6430, -16.0930, -111.9429



198.2910, 21.5485, -98.4792



117.7280, -0.8519, -6.7775



119.3280, -14.9517, -104.6507



37.8250, -4.8437, -33.1725

Inverse Universe

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



143.7150, 12.9585, 90.5809



127.3570, 16.0930, 111.9429



134.7090, -21.5485, 98.4792



114.3860, 1.2887, 6.6775



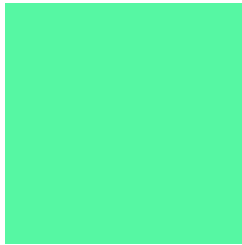
66.6720, 14.9517, 104.6507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 189.2850, -12.9585, -90.5809 looks on a white background.

Color Contrast Check

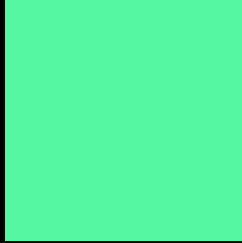
Large Text (above 18pt) WCAG AA × Fail

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 189.2850, -12.9585, -90.5809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

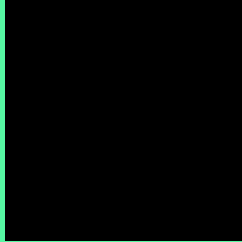
Any Text WCAG AA ✓ Pass

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 189.2850, -12.9585, -90.5809 Background



This preview shows how black text looks on a background with the YUV color 189.2850, -12.9585, -90.5809.



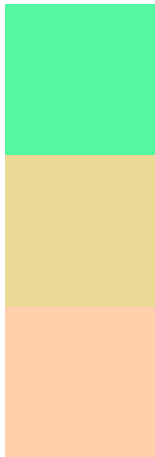
This preview shows how white text looks on a background with the YUV color 189.2850, -12.9585, -90.5809.

-90.5809.

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

189.2850, -12.9585, -90.5809

Protanopia

214.7440, -31.9188, 17.7645

Deuteranopia

218.2370, -22.7948, 31.3642



Tritanopia

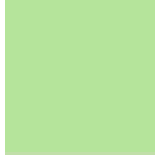
202.8840, 25.6932, -74.4433

Trichromacy



Original Color

189.2850, -12.9585, -90.5809



Protanomaly

205.6250, -24.9581, -21.5961



Deuteranomaly

207.8740, -19.1649, -13.0445



Tritanomaly

197.8820, 11.8902, -80.5805

Monochromacy



Original Color

189.2850, -12.9585, -90.5809



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.2380, -4.5543, -32.6577

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2850, -12.9585, -90.5809 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(86, 247, 163)` looks like.

```
.text, #text, p{  
    color:rgb(86, 247, 163)  
}
```

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(86, 247, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 247, 163) }
```

Border

The CSS property to change the border of an element to YUV 189.2850, -12.9585, -90.5809 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(86, 247, 163) }
```


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

```
.border{ border-color:rgb(86, 247, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 247, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 247, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 247, 163);  
box-shadow:4px 4px 4px 4px rgb(86, 247,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 189.2850, -12.9585, -90.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 247, 163) }
```

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

```
.background{ background-color: rgb(86, 247,  
163) }
```

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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