

Converting Colors

YUV(184.0810, -90.7519,
-58.8300)

Have a look what the booklet for
YUV(184.0810, -90.7519, -58.8300)
contains.

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Color

**YUV(184.0810, -90.7519,
-58.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	75FE00
RGB	117, 254, 0
RGB Percent	46%, 100%, 0%
CMY	0.5412, 0.0039, 1.0000
CMYK	0.54, 0.00, 1.00, 0.00
HSL	92°, 100%, 50%
HSV	92°, 100%, 100%
XYZ	42.7779, 74.6655, 12.1573
YIQ	184.0810, -0.1180, -108.0380

Conversions

Conversions Part 2

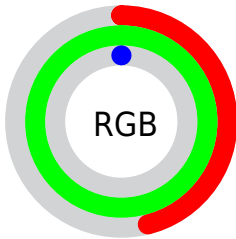
Format	Color
RYB	0, 254, 137
Decimal	7732736
CIELab	89.24, -70.43, 85.14
CIELCh	89, 110.491, 129.600
Yxy	74.6655, 0.3301, 0.5761
Android (android.graphics.Color)	4285922816 (0xFF75FE00)
YUV	184.0810, -90.7519, -58.8300
Hunter-Lab	86.4092, -62.8475, 52.1447

Details

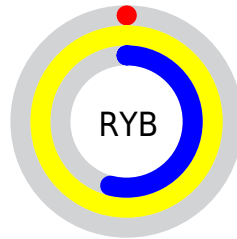
The YUV color **184.0810, -90.7519, -58.8300** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **69.9190, 90.7519, 58.8300**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4060, -59.8532, -29.2971**, and **126.4140, -62.3221, -77.5391** is the 20% darker color. If you saturate the color by 10%, you get **184.0810, -90.7519, -58.8300**, and if you desaturate by 10%, it is **191.1170, -81.8957, -52.7226**.

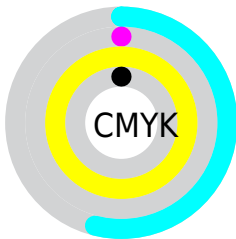
Distribution



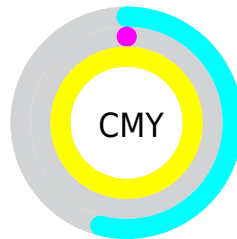
- Red (46%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (54%)



- Cyan (54%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.0810, -90.7519, -58.8300 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 184.0810, -90.7519, -58.8300 by changing the saturation by 10% instead.

184.0810,
-90.7519, -58.8300

184.0810,
-90.7519, -58.8300

255.0000, 0.0000,
0.0000

156.5930,
-77.2003, -65.4181

214.4060,
-59.8532, -29.2971

126.4140,
-62.3221, -77.5391

227.2090,
-50.8820, -13.3383

98.6160, -48.6177,
-86.4862

240.1970,
-42.4951, 3.3352

82.7670, -40.8041,
-72.5867

246.9060,
-31.0127, 7.0984

66.9180, -32.9906,
-58.6871

250.3260,
-17.9087, 4.0991

51.6560, -25.4664,
-45.3023

253.7460, -4.8048,

36.9810, -18.2316,

1.0998

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 184.0810,
-90.7519, -58.8300

■ 191.1170,
-81.8957, -52.7226

■ 197.9680,
-72.4552, -47.3299

■ 205.0040,
-63.5990, -41.2225

■ 212.1540,
-54.3059, -35.2151

■ 219.1900,
-45.4497, -29.1076

■ 225.9270,
-36.4460, -23.6150

■ 233.0770,
-27.1530, -17.6075

■ 240.1130,
-18.2967, -11.5001

■ 246.9640, -8.8563,
-6.1074

Harmonies

Analogous

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



206.7590, -101.9322, 27.3984



184.0810, -90.7519, -58.8300



166.3290, -10.0222, -145.8705

Triad

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



184.0810, -90.7519, -58.8300



178.7550, 37.5888, -156.7681



154.2400, 20.0947, 88.3665

Complementary

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



184.0810, -90.7519, -58.8300



69.9190, 90.7519, 58.8300

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.



175.7550, 39.0678, 69.4979



184.0810, -90.7519, -58.8300



161.7320, 45.9811, -141.8390

Square

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



184.0810, -90.7519, -58.8300



178.7550, 37.5888, -156.7681



209.8010, 22.2831, 39.6395



168.5540, -36.7551, 75.8131

Rectangle

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



184.0810, -90.7519, -58.8300



174.7650, 22.3009, -153.2689



209.8010, 22.2831, 39.6395



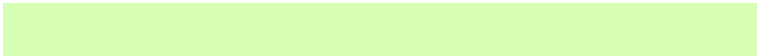
157.6430, 35.6720, 85.3821

Sweetspot

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



184.0810, -90.7519, -58.8300



234.0770, -27.1530, -17.6075



155.1910, -76.5092, 86.6555



115.2810, -16.4075, -10.7704



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.



184.0810, -90.7519, -58.8300



184.6680, -91.0413, -59.3448



150.0100, -70.0109, -131.5588



124.4250, -4.6465, -3.0037



138.4290, -68.2455, -44.2262



46.2390, -22.7958, -15.1186

Inverse Universe

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



69.9190, 90.7519, 58.8300



70.3320, 91.0413, 59.3448



103.9900, 70.0109, 131.5588



118.5750, 4.6465, 3.0037



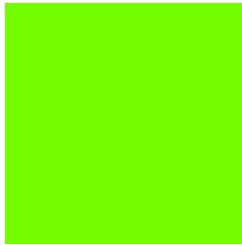
52.5710, 68.2455, 44.2262



17.4620, 22.9432, 14.5038

Previews

White Background



This preview shows how the YUV color 184.0810, -90.7519, -58.8300 looks on a white background.

Color Contrast Check

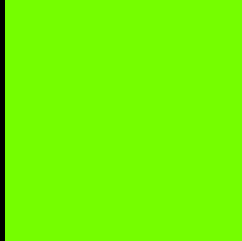
Large Text (above 18pt) WCAG AA × Fail

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 184.0810, -90.7519, -58.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

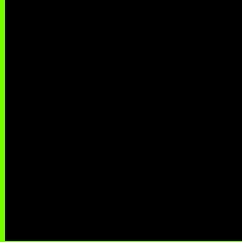
Any Text WCAG AA ✓ Pass

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 184.0810, -90.7519, -58.8300 Background



This preview shows how black text looks on a background with the YUV color 184.0810, -90.7519, -58.8300.



This preview shows how white text looks on a background with the YUV color 184.0810, -90.7519, -58.8300.

-58.8300.

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

184.0810, -90.7519, -58.8300

Protanopia

205.9500, -101.5333, 39.5089

Deuteranopia

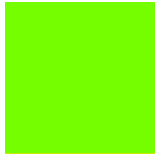
221.3910, -29.7728, 29.4751



Tritanopia

213.6480, 20.3865, -52.3113

Trichromacy



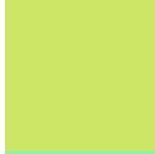
Original Color

184.0810, -90.7519, -58.8300



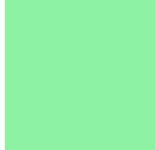
Protanomaly

197.7560, -97.4937, 3.7220



Deuteranomaly

207.9330, -52.2250, -2.5722



Tritanomaly

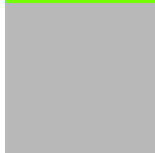
203.2680, -20.3451, -54.6090

Monochromacy



Original Color

184.0810, -90.7519, -58.8300



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

183.8610, -32.9625, -20.9261

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.0810, -90.7519, -58.8300 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(117, 254, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 254, 0)  
}
```

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(117, 254, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 254, 0) }
```

Border

The CSS property to change the border of an element to YUV 184.0810, -90.7519, -58.8300 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(117, 254, 0) }
```


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

```
.border{ border-color:rgb(117, 254, 0) }
```

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

Here you see how a box with a 4 pixel rgb(117, 254, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 254, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 254, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 254,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 184.0810, -90.7519, -58.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 254, 0) }
```

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

```
.background{ background-color: rgb(117,  
254, 0) }
```

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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