

Converting Colors

YUV(182.1860, -9.4587,
-93.1251)

Have a look what the booklet for
YUV(182.1860, -9.4587, -93.1251)
contains.

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Color

**YUV(182.1860, -9.4587,
-93.1251)**

Conversions

Conversions Part 1

Format	Color
Hex	4CF0A3
RGB	76, 240, 163
RGB Percent	30%, 94%, 64%
CMY	0.7020, 0.0588, 0.3608
CMYK	0.68, 0.00, 0.32, 0.06
HSL	152°, 85%, 62%
HSV	152°, 68%, 94%
XYZ	40.7514, 66.5010, 45.3385
YIQ	182.1860, -73.0270, -58.7150

Conversions

Conversions Part 2

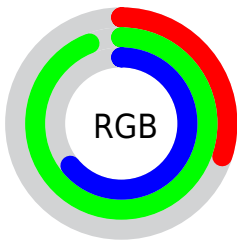
Format	Color
R_{YB}	76, 183, 240
Decimal	5042339
CIE _{Lab}	85.25, -59.40, 25.22
CIE _{LCh}	85, 64.535, 156.993
Yxy	66.5010, 0.2671, 0.4358
Android (android.graphics.Color)	4283232419 (0xFF4CF0A3)
YUV	182.1860, -9.4587, -93.1251
Hunter-Lab	81.5482, -53.5088, 24.1201

Details

The YUV color **182.1860, -9.4587, -93.1251** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **133.8140, 9.4587, 93.1251**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9950, 0.4955, -65.7706**, and **120.0750, -4.4740, -105.3058** is the 20% darker color. If you saturate the color by 10%, you get **173.7560, -10.7257, -106.7800**, and if you desaturate by 10%, it is **190.6160, -8.1917, -79.4702**.

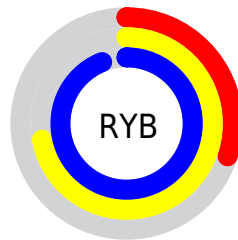
Distribution



Red (30%)

Green (94%)

Blue (64%)



Red (30%)

Yellow (72%)

Blue (94%)

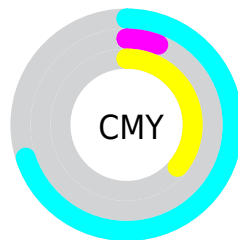


Cyan (68%)

Magenta (0%)

Yellow (32%)

Black (6%)



Cyan (70%)

Magenta (6%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.1860, -9.4587, -93.1251 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 182.1860, -9.4587, -93.1251 by changing the saturation by 10% instead.

182.1860, -9.4587,
-93.1251

182.1860, -9.4587,
-93.1251

255.0000, 0.0000,
0.0000

148.3310, -6.0792,
-103.7763

216.9950, 0.4955,
-65.7706

120.0750, -4.4740,
-105.3058

229.5700, 8.5930,
-49.6119

100.7890, -7.2910,
-88.3920

239.7510, 7.5178,
-31.3536

82.2040, -9.9606,
-72.0929

249.0200, 2.9481,
-12.2955

64.3200, -12.4828,
-56.4086

46.5500, -14.5681,
-40.8243

31.1110, -15.3377,

-27.2843

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 182.1860, -9.4587,
-93.1251

■ 182.1860, -9.4587,
-93.1251

■ 173.7560,
-10.7257, -106.7800

■ 190.6160, -8.1917,
-79.4702

■ 165.2120,
-12.4295, -120.3349

■ 199.1600, -6.4879,
-65.9153

■ 156.7820,
-13.6965, -133.9898

■ 207.5900, -5.2209,
-52.2604

■ 155.3580,
-13.9805, -136.2490


■ 216.0200, -3.9539,
-38.6055

 224.4500, -2.6868,
-24.9506

 232.9940, -0.9830,
-11.3957

 241.4240, 0.2840,
2.2592

 245.9670, 3.4673,
7.9219

 246.1950, 4.3409,
7.7220

Harmonies

Analogous

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



198.4940, -43.1345, -24.9892



182.1860, -9.4587, -93.1251



168.9920, 28.1049, -148.2060

Triad

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



182.1860, -9.4587, -93.1251



193.5470, 30.2963, -57.4847



192.9240, -24.6125, 54.4407

Complementary

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



182.1860, -9.4587, -93.1251



133.8140, 9.4587, 93.1251

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.



193.0790, 3.9051, 54.3047



182.1860, -9.4587, -93.1251



211.7510, 21.3218, 21.2664

Square

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



182.1860, -9.4587, -93.1251



165.2540, 44.2448, -144.9278



204.5180, 24.8876, 44.2727



200.8220, -50.1982, 47.5141

Rectangle

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



182.1860, -9.4587, -93.1251



171.7110, 41.0615, -150.5905



204.5180, 24.8876, 44.2727



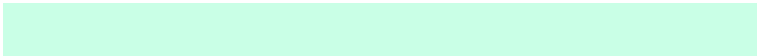
191.4540, -15.0138, 55.7298

Sweetspot

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



182.1860, -9.4587, -93.1251



236.0040, -2.9600, -30.6985



195.8890, -59.1053, -35.8597



116.7220, -1.8349, -18.1732



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.



182.1860, -9.4587, -93.1251



181.3370, -11.9981, -118.6905



189.2030, 25.0429, -99.2790



115.7280, -0.8519, -6.7775



119.0660, -10.8785, -104.4209



36.2920, -3.1020, -31.8281

Inverse Universe

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



133.8140, 9.4587, 93.1251



119.6630, 11.9981, 118.6905



126.7970, -25.0429, 99.2790



112.1580, 0.4151, 6.8774



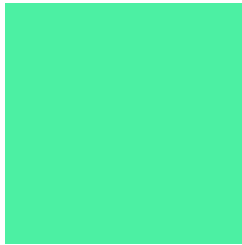
64.8200, 10.4417, 104.5209



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 182.1860, -9.4587, -93.1251 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 182.1860, -9.4587, -93.1251 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 182.1860, -9.4587, -93.1251 Background



This preview shows how black text looks on a background with the YUV color 182.1860, -9.4587, -93.1251.



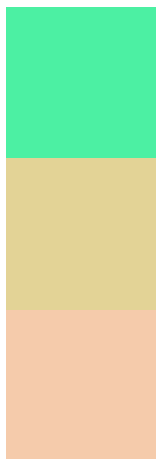
This preview shows how white text looks on a background with the YUV color 182.1860, -9.4587, -93.1251.

-93.1251.

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

182.1860, -9.4587, -93.1251

Protanopia

208.8300, -29.0032, 15.9351

Deuteranopia

211.9100, -20.1686, 29.0199



Tritanopia

195.2860, 25.9880, -75.6728

Trichromacy



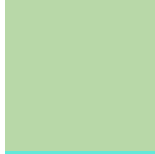
Original Color

182.1860, -9.4587, -93.1251



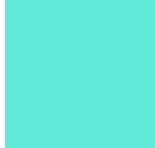
Protanomaly

199.4120, -21.8951, -24.0403



Deuteranomaly

200.9600, -16.2493, -14.8739



Tritanomaly

190.5120, 13.0586, -82.0100

Monochromacy



Original Color

182.1860, -9.4587, -93.1251



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.8680, -3.3859, -34.0872

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.1860, -9.4587, -93.1251 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(76, 240, 163)` looks like.

```
.text, #text, p{  
    color:rgb(76, 240, 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(76, 240, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 240, 163) }
```

Border

The CSS property to change the border of an element to YUV 182.1860, -9.4587, -93.1251 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(76, 240, 163) }
```


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

```
.border{ border-color:rgb(76, 240, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 240, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 240, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 240, 163);  
box-shadow:4px 4px 4px 4px rgb(76, 240,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 182.1860, -9.4587, -93.1251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 240, 163) }
```

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

```
.background{ background-color: rgb(76, 240,  
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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