

Converting Colors

YIQ(184.9790, 11.3790,
-46.5490)

Have a look what the booklet for
YIQ(184.9790, 11.3790, -46.5490)
contains.

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Color

**YIQ(184.9790, 11.3790,
-46.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D45D
RGB	167, 212, 93
RGB Percent	65%, 83%, 36%
CMY	0.3453, 0.1685, 0.6351
CMYK	0.21, 0.00, 0.56, 0.17
HSL	83°, 58%, 60%
HSV	83°, 56%, 83%
XYZ	41.4521, 56.0977, 19.0072
YIQ	184.9790, 11.3790, -46.5490

Conversions

Conversions Part 2

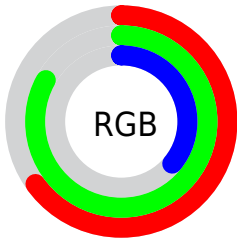
Format	Color
RYB	93, 212, 138
Decimal	10998877
CIELab	79.67, -33.19, 53.17
CIELCh	80, 62.681, 121.976
Yxy	56.0977, 0.3556, 0.4813
Android (android.graphics.Color)	4289188957 (0xFFA7D45D)
YUV	184.9790, -45.3456, -15.7676
Hunter-Lab	74.8984, -32.2824, 37.3826

Details

The YIQ color **184.9790, 11.3790, -46.5490** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **120.0210, -11.3790, 46.5490**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.4190, 16.1920, -40.1600**, and **130.0930, 11.0580, -46.2380** is the 20% darker color. If you saturate the color by 10%, you get **180.1930, 13.3520, -54.7760**, and if you desaturate by 10%, it is **189.7650, 9.4060, -38.3220**.

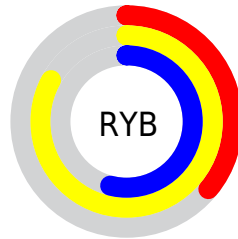
Distribution



Red (65%)

Green (83%)

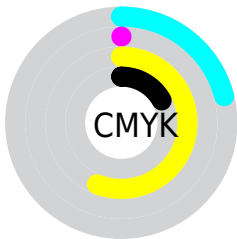
Blue (36%)



Red (36%)

Yellow (83%)

Blue (54%)

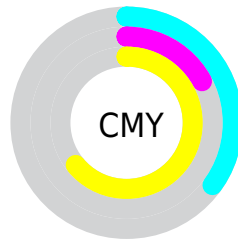


Cyan (21%)

Magenta (0%)

Yellow (56%)

Black (17%)



Cyan (35%)

Magenta (17%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.9790, 11.3790, -46.5490 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 YIQ color 184.9790, 11.3790, -46.5490 by changing the saturation by 10% instead.

■ 184.9790, 11.3790,
-46.5490

■ 184.9790, 11.3790,
-46.5490

255.0000, -0.0000,
-0.0000

■ 157.2070, 10.7370,
-45.9270

■ 233.4190, 16.1920,
-40.1600

■ 130.0930, 11.0580,
-46.2380

■ 245.4670, 25.4050,
-25.4030

■ 102.5400, 13.9930,
-49.8710

■ 249.0720, 16.6920,
-16.1720

■ 78.9770, 5.6930,
-42.6190

■ 252.2640, 7.7040,
-7.4640

■ 57.1150, -3.2030,
-35.5790

■ 34.0460, -15.9500,
-30.3340

■ 21.7190, -10.1750,

-19.3510

■ 0.0000, 0.0000,
0.0000

■ 184.9790, 11.3790,
-46.5490

■ 184.9790, 11.3790,
-46.5490

■ 180.1930, 13.3520,
-54.7760

■ 189.7650, 9.4060,
-38.3220

■ 175.4070, 15.3250,
-63.0030

■ 194.5510, 7.4330,
-30.0950

■ 170.5070, 17.6190,
-71.5410

■ 199.4510, 5.1390,
-21.5570

■ 165.7210, 19.5920,
-79.7680

■ 204.2370, 3.1660,
-13.3300

■ 163.9120, 20.3720,
-82.8920

■ 209.0230, 1.1930,
-5.1030

■ 213.8090, -0.7800,
3.1240

■ 218.5950, -2.7530,
11.3510

■ 222.5830, -2.4790,
17.4010

■ 224.9750, 2.2890,
19.0970

Harmonies

Analogous

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



191.3610, 57.6380, -31.3700



184.9790, 11.3790, -46.5490



171.6890, -55.3300, -54.5460

Triad

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



184.9790, 11.3790, -46.5490



157.0360, -141.8050, -34.7090



184.2910, 48.9140, 38.6580

Complementary

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



184.9790, 11.3790, -46.5490



120.0210, -11.3790, 46.5490

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.



197.8330, 27.3170, 50.1090



184.9790, 11.3790, -46.5490



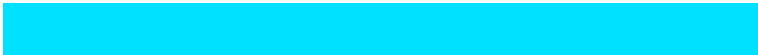
173.9450, -86.4240, -8.6320

Square

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



184.9790, 11.3790, -46.5490



161.1450, -143.7300, -38.3700



196.0250, -9.1750, 28.6250



182.4890, 65.0110, 16.7470

Rectangle

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



184.9790, 11.3790, -46.5490



153.0680, -119.6090, -62.5290



196.0250, -9.1750, 28.6250



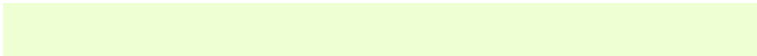
187.7450, 41.9440, 43.8320

Sweetspot

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



184.9790, 11.3790, -46.5490



245.3140, 4.2670, -16.7650



154.4090, 58.8240, 2.2160



122.0460, 2.3860, -10.2060



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.



184.9790, 11.3790, -46.5490



216.0710, 16.1510, -66.9610



167.6370, -23.1890, -58.8450



104.5500, 1.1470, -4.2690



132.0710, 16.1510, -66.9610



33.3140, 4.2670, -16.7650

Inverse Universe

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



120.0210, -11.3790, 46.5490



122.9290, -16.1510, 66.9610



137.3630, 23.1890, 58.8450



98.4500, -1.1470, 4.2690



38.9290, -16.1510, 66.9610



9.6860, -4.2670, 16.7650

Previews

White Background



This preview shows how the YIQ color 184.9790, 11.3790, -46.5490 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 YIQ color 184.9790, 11.3790, -46.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

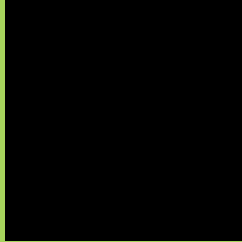
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 184.9790, 11.3790, -46.5490

Background



This preview shows how black text looks on a background with the YIQ color 184.9790, 11.3790, -46.5490.



This preview shows how white text looks on a background with the YIQ color 184.9790, 11.3790,

-46.5490.

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

184.9790, 11.3790, -46.5490

Protanopia

191.1520, 48.1010, -29.2350

Deuteranopia

193.5270, 60.7070, -15.3970



Tritanopia

196.0400, -14.6720, 1.5840

Trichromacy



Original Color

184.9790, 11.3790, -46.5490

Protanomaly

188.6340, 34.7600, -35.2560

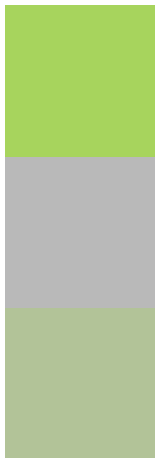
Deuteranomaly

190.3950, 43.1030, -26.7610

Tritanomaly

192.1650, -5.4990, -15.9870

Monochromacy



Original Color

184.9790, 11.3790, -46.5490

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0150, 3.6710, -16.9770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.9790, 11.3790, -46.5490 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(167, 212, 93)` looks like.

```
.text, #text, p{  
    color:rgb(167, 212, 93)  
}
```

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(167, 212, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 212, 93) }
```

Border

The CSS property to change the border of an element to YIQ 184.9790, 11.3790, -46.5490 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(167, 212, 93) }
```


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

```
.border{ border-color:rgb(167, 212, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 212, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 212, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 212, 93);  
box-shadow:4px 4px 4px 4px rgb(167, 212,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 184.9790, 11.3790, -46.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 212, 93) }
```

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

```
.background{ background-color: rgb(167,  
212, 93) }
```

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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