

Converting Colors

YIQ(184.7410, 17.9810,
-45.0510)

Have a look what the booklet for
YIQ(184.7410, 17.9810, -45.0510)
contains.

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Color

**YIQ(184.7410, 17.9810,
-45.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	AED158
RGB	174, 209, 88
RGB Percent	68%, 82%, 35%
CMY	0.3178, 0.1803, 0.6547
CMYK	0.17, 0.00, 0.58, 0.18
HSL	77°, 57%, 58%
HSV	77°, 58%, 82%
XYZ	42.0137, 55.3073, 17.7027
YIQ	184.7410, 17.9810, -45.0510

Conversions

Conversions Part 2

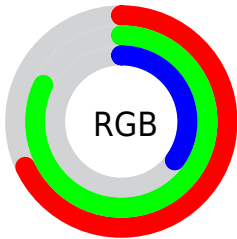
Format	Color
R_{YB}	88, 209, 123
Decimal	11456856
CIE _{Lab}	79.22, -29.54, 55.01
CIE _{LCh}	79, 62.441, 118.237
Yxy	55.3073, 0.3653, 0.4808
Android (android.graphics.Color)	4289646936 (0xFFAED158)
YUV	184.7410, -47.6933, -9.4199
Hunter-Lab	74.3689, -29.3042, 37.9449

Details

The YIQ color **184.7410, 17.9810, -45.0510** 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 **112.2590, -17.9810, 45.0510**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.2410, 22.5650, -40.0190**, and **129.7410, 17.9810, -45.0510** is the 20% darker color. If you saturate the color by 10%, you get **180.5530, 21.1460, -52.8540**, and if you desaturate by 10%, it is **188.9290, 14.8160, -37.2480**.

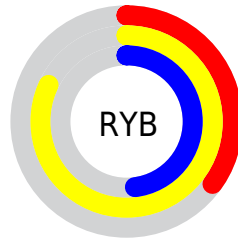
Distribution



Red (68%)

Green (82%)

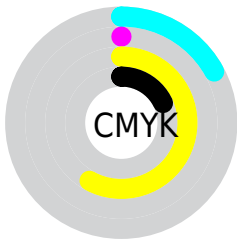
Blue (35%)



Red (35%)

Yellow (82%)

Blue (48%)

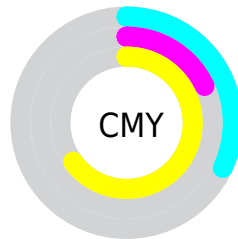


Cyan (17%)

Magenta (0%)

Yellow (58%)

Black (18%)



Cyan (32%)

Magenta (18%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7410, 17.9810, -45.0510 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 184.7410, 17.9810, -45.0510 by changing the saturation by 10% instead.

■ 184.7410, 17.9810,
-45.0510

■ 184.7410, 17.9810,
-45.0510

255.0000, -0.0000,
-0.0000

■ 156.8550, 17.6600,
-44.7400

■ 235.2410, 22.5650,
-40.0190

■ 129.7410, 17.9810,
-45.0510

■ 245.1960, 27.6060,
-26.7460

■ 102.6440, 19.6320,
-47.4400

■ 248.5020, 18.2970,
-17.7270

■ 79.8960, 10.4150,
-40.0890

■ 251.6940, 9.3090,
-9.0190

■ 58.0340, 1.5190,
-33.0490

■ 34.9650, -11.2280,
-27.8040

■ 20.5450, -9.6250,

-18.3050

■ 0.0000, 0.0000,
0.0000

■ 184.7410, 17.9810,
-45.0510

■ 184.7410, 17.9810,
-45.0510

■ 180.5530, 21.1460,
-52.8540

■ 188.9290, 14.8160,
-37.2480

■ 176.3650, 24.3110,
-60.6570

■ 193.1170, 11.6510,
-29.4450

■ 172.1770, 27.4760,
-68.4600

■ 197.3050, 8.4860,
-21.6420

■ 167.9890, 30.6410,
-76.2630

■ 201.4930, 5.3210,
-13.8390

■ 166.9350, 30.7330,
-77.9310

■ 205.6810, 2.1560,
-6.0360

■ 209.7550, -0.6880,
1.4560

■ 213.9430, -3.8530,
9.2590

■ 218.1310, -7.0180,
17.0620

■ 219.9250, -3.4420,
18.3340

Harmonies

Analogous

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



190.5080, 61.7180, -28.2180



184.7410, 17.9810, -45.0510



173.1910, -45.0600, -53.4440

Triad

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



184.7410, 17.9810, -45.0510



157.0360, -141.8050, -34.7090



184.3880, 47.2630, 41.0470

Complementary

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



184.7410, 17.9810, -45.0510



112.2590, -17.9810, 45.0510

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.



198.6480, 26.4000, 50.2080



184.7410, 17.9810, -45.0510



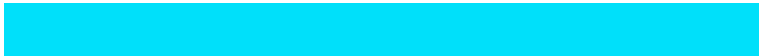
165.5620, -104.5790, -15.5150

Square

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



184.7410, 17.9810, -45.0510



159.9880, -141.8500, -39.4020



193.6110, -16.8770, 25.0350



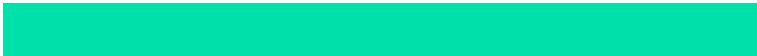
181.2980, 64.2310, 19.8710

Rectangle

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



184.7410, 17.9810, -45.0510



150.9820, -116.4910, -63.9710



193.6110, -16.8770, 25.0350



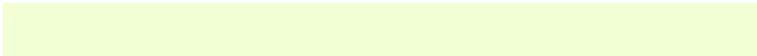
188.4290, 40.0180, 45.6980

Sweetspot

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



184.7410, 17.9810, -45.0510



246.2110, 6.0550, -16.1290



144.1370, 62.7660, 7.8700



122.6440, 3.5780, -9.7820



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.



184.7410, 17.9810, -45.0510



219.6870, 26.1000, -65.5480



166.8010, -17.7790, -57.7710



102.8490, 1.7430, -4.0570



134.4960, 25.3200, -62.4240



32.7380, 6.0090, -15.2950

Inverse Universe

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



112.2590, -17.9810, 45.0510



114.3130, -26.1000, 65.5480



130.1990, 17.7790, 57.7710



96.1510, -1.7430, 4.0570



33.8030, -24.7240, 62.6360



8.2620, -6.0090, 15.2950

Previews

White Background



This preview shows how the YIQ color 184.7410, 17.9810, -45.0510 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 184.7410, 17.9810, -45.0510 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 184.7410, 17.9810, -45.0510

Background



This preview shows how black text looks on a background with the YIQ color 184.7410, 17.9810, -45.0510.



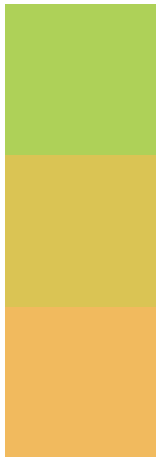
This preview shows how white text looks on a background with the YIQ color 184.7410, 17.9810,

-45.0510.

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

184.7410, 17.9810, -45.0510

Protanopia

189.8100, 49.0640, -30.1680

Deuteranopia

191.9570, 62.3120, -16.9520



Tritanopia

195.7310, -9.3080, 3.4920

Trichromacy



Original Color

184.7410, 17.9810, -45.0510

Protanomaly

188.0750, 37.8320, -35.8640

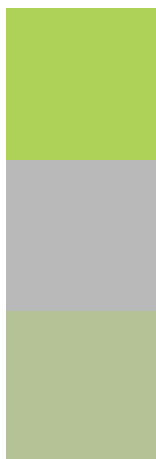
Deuteranomaly

189.2490, 46.4500, -26.8460

Tritanomaly

192.0410, 0.7820, -14.1780

Monochromacy



Original Color

184.7410, 17.9810, -45.0510

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0970, 6.3760, -16.4400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.7410, 17.9810, -45.0510 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(174, 209, 88)` looks like.

```
.text, #text, p{  
    color:rgb(174, 209, 88)  
}
```

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(174, 209, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 88) }
```

Border

The CSS property to change the border of an element to YIQ 184.7410, 17.9810, -45.0510 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(174, 209, 88) }
```


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

```
.border{ border-color:rgb(174, 209, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 209, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 209, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 209, 88);  
box-shadow:4px 4px 4px 4px rgb(174, 209,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 184.7410, 17.9810, -45.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 209, 88) }
```

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

```
.background{ background-color: rgb(174,  
209, 88) }
```

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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