

Converting Colors

YIQ(197.1680, -46.2530,
-48.3410)

Have a look what the booklet for
YIQ(197.1680, -46.2530, -48.3410)
contains.

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Color

**YIQ(197.1680, -46.2530,
-48.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	7BF1A6
RGB	123, 241, 166
RGB Percent	48%, 95%, 65%
CMY	0.5180, 0.0547, 0.3491
CMYK	0.49, 0.00, 0.31, 0.05
HSL	142°, 81%, 71%
HSV	142°, 49%, 95%
XYZ	46.5064, 69.8966, 47.1013
YIQ	197.1680, -46.2530, -48.3410

Conversions

Conversions Part 2

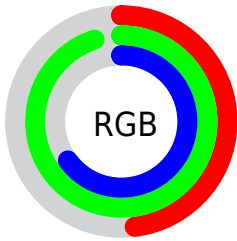
Format	Color
RYB	123, 209, 241
Decimal	8122790
CIELab	86.95, -49.73, 26.23
CIELCh	87, 56.230, 152.189
Yxy	69.8966, 0.2844, 0.4275
Android (android.graphics.Color)	4286312870 (0xFF7BF1A6)
YUV	197.1680, -15.3658, -65.0453
Hunter-Lab	83.6042, -47.0135, 25.1199

Details

The YIQ color **197.1680, -46.2530, -48.3410** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **166.8320, 46.2530, 48.3410**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.9980, -33.1900, -26.2620**, and **139.5420, -50.2420, -47.6340** is the 20% darker color. If you saturate the color by 10%, you get **188.2820, -55.7420, -58.0940**, and if you desaturate by 10%, it is **206.0540, -36.7640, -38.5880**.

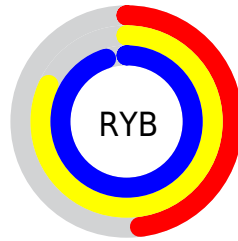
Distribution



Red (48%)

Green (95%)

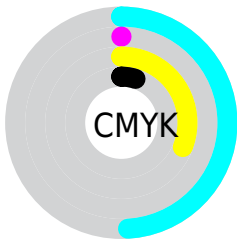
Blue (65%)



Red (48%)

Yellow (82%)

Blue (95%)

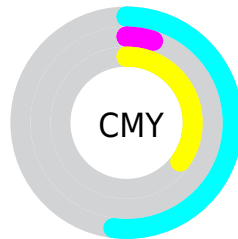


Cyan (49%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (52%)

Magenta (5%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.1680, -46.2530, -48.3410 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 197.1680, -46.2530, -48.3410 by changing the saturation by 10% instead.

■ 197.1680,
-46.2530, -48.3410

■ 197.1680,
-46.2530, -48.3410

■ 255.0000, -0.0000,
-0.0000

■ 168.0970,
-47.4910, -47.9310

■ 228.9980,
-33.1900, -26.2620

■ 139.5420,
-50.2420, -47.6340

■ 241.2740,
-24.6190, -10.8830

■ 108.5840,
-59.2280, -49.9800

■ 250.8140, -8.3440,
-2.9680

■ 83.7200, -56.6150,
-47.7750

■ 65.7220, -41.7610,
-41.6410

■ 48.5390, -27.8240,
-35.4080

■ 32.2850, -15.1250,

-28.7650

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 197.1680,
-46.2530, -48.3410

■ 197.1680,
-46.2530, -48.3410

■ 188.2820,
-55.7420, -58.0940

■ 206.0540,
-36.7640, -38.5880

■ 179.2820,
-64.9100, -68.1580


■ 215.0540,
-27.5960, -28.5240


■ 170.3960,
-74.3990, -77.9110


■ 223.9400,
-18.1070, -18.7710


■ 161.2110,
-84.4840, -87.8760

■ 232.8260, -8.6180,
-9.0180

 152.2110,
-93.6520, -97.9400

 241.8260, 0.5500,
1.0460

 151.4990,
-94.5230, -98.6750

 246.7820, 3.8500,
7.3220

Harmonies

Analogous

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



206.8420, 10.5070, -41.7570



197.1680, -46.2530, -48.3410



168.8950, -137.9950, -59.7150

Triad

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



197.1680, -46.2530, -48.3410



199.7490, -62.4450, -8.1810



200.6010, 49.8360, 10.9240

Complementary

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



197.1680, -46.2530, -48.3410



166.8320, 46.2530, 48.3410

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.



203.0070, 34.7940, 30.2340



197.1680, -46.2530, -48.3410



215.5170, -2.1130, 21.7830

Square

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



197.1680, -46.2530, -48.3410



167.6020, -146.7550, -44.1230



212.7360, 19.8000, 37.6560



206.0200, 58.0010, -10.4070

Rectangle

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



197.1680, -46.2530, -48.3410



172.8850, -149.2300, -48.8300



212.7360, 19.8000, 37.6560



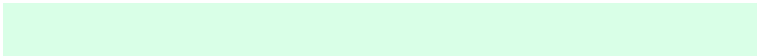
200.0770, 45.8000, 17.9920

Sweetspot

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



197.1680, -46.2530, -48.3410



240.9020, -14.9440, -15.5200



215.2890, 13.4420, -45.3900



119.4130, -8.8930, -9.5410



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.



197.1680, -46.2530, -48.3410



199.2060, -58.5840, -61.6560



203.6660, -64.5500, -30.6140



115.5000, -4.5840, -5.0320



115.6460, -72.1070, -75.3950



35.1520, -21.8200, -23.0680

Inverse Universe

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



166.8320, 46.2530, 48.3410



160.6800, 58.9050, 61.3450



160.3340, 64.5500, 30.6140



112.3860, 4.9050, 4.7210



68.3540, 72.1070, 75.3950



20.8480, 21.8200, 23.0680

Previews

White Background



This preview shows how the YIQ color 197.1680, -46.2530, -48.3410 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 197.1680, -46.2530, -48.3410 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 197.1680, -46.2530, -48.3410 Background



This preview shows how black text looks on a background with the YIQ color 197.1680, -46.2530, -48.3410.



This preview shows how white text looks on a background with the YIQ color 197.1680, -46.2530, -48.3410.

-48.3410.

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

197.1680, -46.2530, -48.3410

Protanopia

214.1290, 29.7130, -15.3670

Deuteranopia

217.1660, 37.4590, -1.5570



Tritanopia

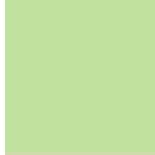
207.0390, -57.6300, -12.8460

Trichromacy



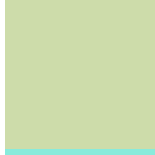
Original Color

197.1680, -46.2530, -48.3410



Protanomaly

207.9080, 2.1140, -27.3100



Deuteranomaly

209.8150, 7.1100, -18.7300



Tritanomaly

203.5750, -53.8680, -25.9640

Monochromacy



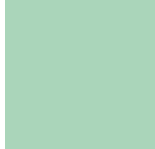
Original Color

197.1680, -46.2530, -48.3410



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

197.0650, -16.9610, -17.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1680, -46.2530, -48.3410 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(123, 241, 166)` looks like.

```
.text, #text, p{  
    color:rgb(123, 241, 166)  
}
```

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(123, 241, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 241, 166) }
```

Border

The CSS property to change the border of an element to YIQ 197.1680, -46.2530, -48.3410 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(123, 241, 166) }
```


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

```
.border{ border-color:rgb(123, 241, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 241, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 241, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 241, 166); box-shadow:4px 4px 4px 4px rgb(123, 241, 166) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1680, -46.2530, -48.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 241, 166) }
```

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

```
.background{ background-color: rgb(123,  
241, 166) }
```

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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