

Converting Colors

YIQ(213.5170, -13.5630,
-46.0670)

Have a look what the booklet for
YIQ(213.5170, -13.5630, -46.0670)
contains.

YIQ(213.5170, -13.5630, -46.0670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.5170, -13.5630,
-46.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF796
RGB	172, 247, 150
RGB Percent	67%, 97%, 59%
CMY	0.3257, 0.0312, 0.4117
CMYK	0.30, 0.00, 0.39, 0.03
HSL	106°, 86%, 78%
HSV	106°, 39%, 97%
XYZ	55.7757, 77.5066, 40.8770
YIQ	213.5170, -13.5630, -46.0670

Conversions

Conversions Part 2

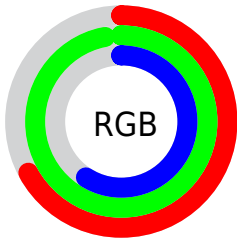
Format	Color
RYB	150, 247, 225
Decimal	11335574
CIELab	90.55, -40.68, 39.44
CIELCh	91, 56.657, 135.890
Yxy	77.5066, 0.3203, 0.4450
Android (android.graphics.Color)	4289525654 (0xFFACF796)
YUV	213.5170, -31.3139, -36.4104
Hunter-Lab	88.0378, -40.9789, 34.0974

Details

The YIQ color **213.5170, -13.5630, -46.0670** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **183.4830, 13.5630, 46.0670**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5260, 0.5540, -21.0620**, and **157.6850, -13.9760, -44.0880** is the 20% darker color. If you saturate the color by 10%, you get **204.9860, -16.8620, -57.8700**, and if you desaturate by 10%, it is **222.0480, -10.2640, -34.2640**.

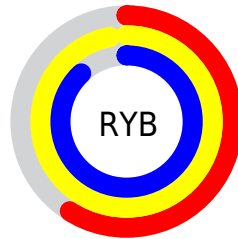
Distribution



Red (67%)

Green (97%)

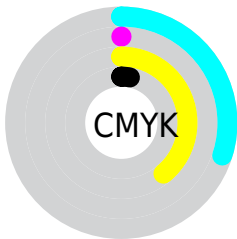
Blue (59%)



Red (59%)

Yellow (97%)

Blue (88%)

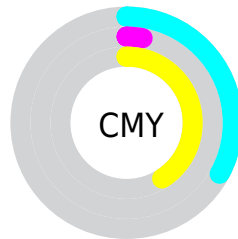


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (3%)



Cyan (33%)

Magenta (3%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5170, -13.5630, -46.0670 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 213.5170, -13.5630, -46.0670 by changing the saturation by 10% instead.

■ 213.5170,
-13.5630, -46.0670

■ 213.5170,
-13.5630, -46.0670

■ 255.0000, -0.0000,
-0.0000

■ 185.0440,
-13.6090, -45.2330

■ 241.5260, 0.5540,
-21.0620

■ 157.6850,
-13.9760, -44.0880

■ 252.6060, 6.7410,
-6.5310

■ 130.5000,
-14.8930, -43.9890

■ 103.8420,
-15.8560, -43.0560

■ 76.9450, -17.6440,
-43.6920

■ 49.8950, -23.3750,
-44.4550

■ 35.8070, -16.7750,

-31.9030

■ 23.4800, -11.0000,
-20.9200

■ 2.3480, -1.1000,
-2.0920

■ 213.5170,
-13.5630, -46.0670

■ 213.5170,
-13.5630, -46.0670

■ 204.9860,
-16.8620, -57.8700

■ 222.0480,
-10.2640, -34.2640

■ 196.5690,
-20.4820, -69.3620

■ 230.4650, -6.6440,
-22.7720

■ 188.0380,
-23.7810, -81.1650

■ 238.9960, -3.3450,
-10.9690

■ 179.2080,
-27.6760, -93.1800

■ 247.5270, -0.0460,
0.8340

■ 170.6770,
-30.9750, -104.9830

■ 250.3040, 2.2000,
4.1840

■ 162.2600,
-34.5950, -116.4750

■ 161.7330,
-34.5490, -117.3090

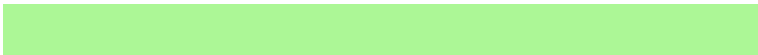
Harmonies

Analogous

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



220.7050, 35.9980, -35.6660



213.5170, -13.5630, -46.0670



199.1070, -79.8140, -51.3500

Triad

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



213.5170, -13.5630, -46.0670



192.0650, -105.2180, -31.4740



207.1670, 36.8590, 20.3390

Complementary

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



213.5170, -13.5630, -46.0670



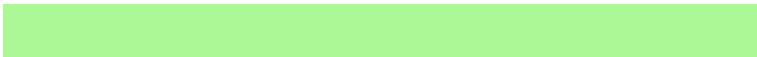
183.4830, 13.5630, 46.0670

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.



215.0840, 18.7000, 35.5640



213.5170, -13.5630, -46.0670



217.9660, -29.0230, 2.8570

Square

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



213.5170, -13.5630, -46.0670



176.9940, -151.1550, -52.4910



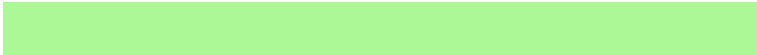
224.4760, 14.3000, 27.1960



209.2120, 49.0130, -1.6990

Rectangle

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



213.5170, -13.5630, -46.0670



176.7030, -146.2020, -59.6580



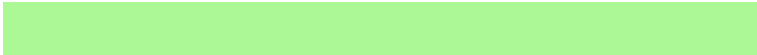
224.4760, 14.3000, 27.1960



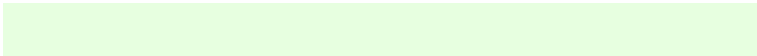
208.6320, 31.3560, 26.4600

Sweetspot

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



213.5170, -13.5630, -46.0670



244.2900, -4.3530, -14.7290



222.4410, 37.4620, -18.1380



121.7620, -2.5660, -8.5660



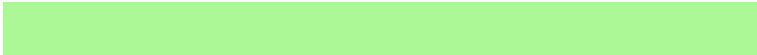
0.0000, 0.0000, 0.0000



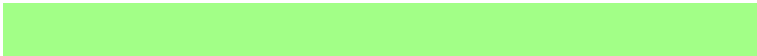
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.5170, -13.5630, -46.0670



213.5130, -16.9080, -57.0360



209.9030, -35.0210, -42.6450



117.9410, -1.5120, -5.6400



121.7400, -26.1180, -88.3740



38.5200, -8.4770, -28.1010

Inverse Universe

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



183.4830, 13.5630, 46.0670



176.4870, 16.9080, 57.0360



187.0970, 35.0210, 42.6450



114.3580, 2.1080, 5.8520



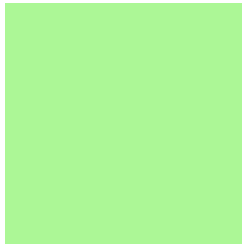
64.2600, 26.1180, 88.3740



20.1810, 7.8810, 27.8890

Previews

White Background



This preview shows how the YIQ color 213.5170, -13.5630, -46.0670 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 213.5170, -13.5630, -46.0670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

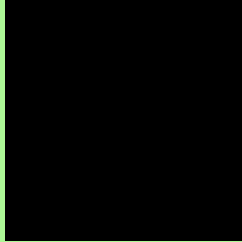
Any Text WCAG AA ✓ Pass

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 213.5170, -13.5630, -46.0670 Background



This preview shows how black text looks on a background with the YIQ color 213.5170, -13.5630, -46.0670.



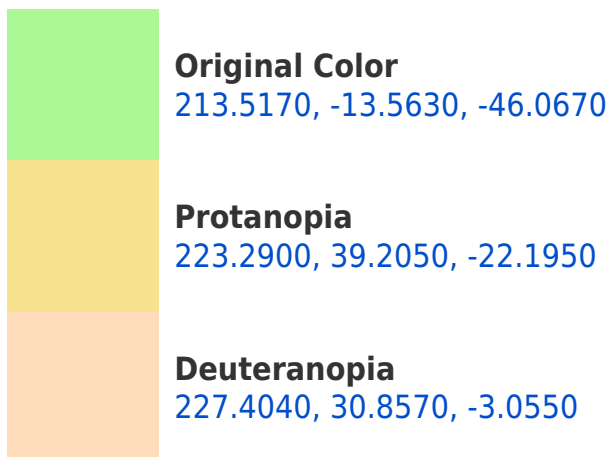
This preview shows how white text looks on a background with the YIQ color 213.5170, -13.5630, -46.0670.

-46.0670.

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





Tritanopia

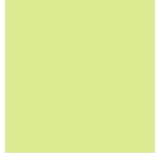
223.2980, -33.1940, -4.1540

Trichromacy



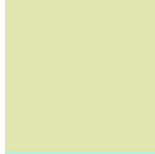
Original Color

213.5170, -13.5630, -46.0670



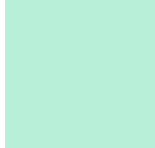
Protanomaly

219.6680, 20.2250, -30.6470



Deuteranomaly

222.1210, 14.9960, -18.4760



Tritanomaly

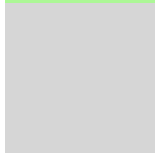
219.6340, -25.9930, -19.0250

Monochromacy



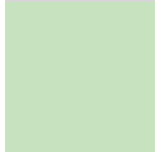
Original Color

213.5170, -13.5630, -46.0670



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

213.9370, -4.8570, -16.6090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5170, -13.5630, -46.0670 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(172, 247, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 247, 150)  
}
```

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(172, 247, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 247, 150) }
```

Border

The CSS property to change the border of an element to YIQ 213.5170, -13.5630, -46.0670 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(172, 247, 150) }
```


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

```
.border{ border-color:rgb(172, 247, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 247, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 247, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 247, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 247,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5170, -13.5630, -46.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 247, 150) }
```

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

```
.background{ background-color: rgb(172,  
247, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor