

Converting Colors

YIQ(206.2930, -1.5490,
-54.5490)

Have a look what the booklet for
YIQ(206.2930, -1.5490, -54.5490)
contains.

YIQ(206.2930, -1.5490, -54.5490)	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(206.2930, -1.5490,
-54.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	ABF273
RGB	171, 242, 115
RGB Percent	67%, 95%, 45%
CMY	0.3297, 0.0508, 0.5489
CMYK	0.29, 0.00, 0.52, 0.05
HSL	94°, 83%, 70%
HSV	94°, 52%, 95%
XYZ	51.6376, 73.4110, 27.6749
YIQ	206.2930, -1.5490, -54.5490

Conversions

Conversions Part 2

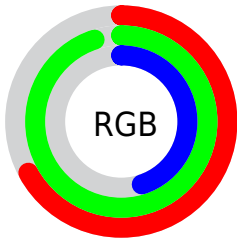
Format	Color
RYB	115, 242, 186
Decimal	11268723
CIELab	88.64, -43.06, 53.73
CIELCh	89, 68.858, 128.710
Yxy	73.4110, 0.3381, 0.4807
Android (android.graphics.Color)	4289458803 (0xFFABF273)
YUV	206.2930, -45.0074, -30.9520
Hunter-Lab	85.6802, -42.3623, 40.8253

Details

The YIQ color $206.2930, -1.5490, -54.5490$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $150.7070, 1.5490, 54.5490$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $237.5360, 11.7890, -31.9470$, and $150.0480, -2.2370, -53.0930$ is the 20% darker color. If you saturate the color by 10%, you get $199.3710, -2.1890, -64.9810$, and if you desaturate by 10%, it is $212.9160, -1.5050, -44.3290$.

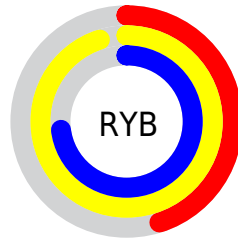
Distribution



Red (67%)

Green (95%)

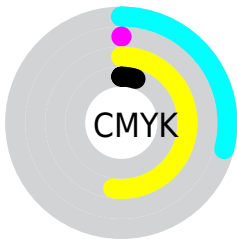
Blue (45%)



Red (45%)

Yellow (95%)

Blue (73%)

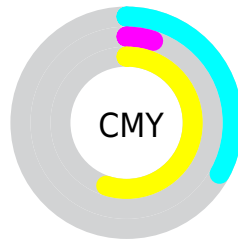


Cyan (29%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (33%)


Magenta (5%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.2930, -1.5490, -54.5490 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 206.2930, -1.5490, -54.5490 by changing the saturation by 10% instead.

 206.2930, -1.5490,
-54.5490


 206.2930, -1.5490,
-54.5490


255.0000, -0.0000,
-0.0000


 177.8200, -1.5950,
-53.7150


 237.5360, 11.7890,
-31.9470


 150.0480, -2.2370,
-53.0930


 248.5020, 18.2970,
-17.7270

 122.5210, -2.1910,
-53.9270

 251.8080, 8.9880,
-8.7080

 95.1250, -1.1360,
-56.5280

 69.9960, -13.6540,
-49.9260

 47.5470, -22.2750,
-42.3630

 33.4590, -15.6750,

-29.8110

■ 21.1320, -9.9000,
-18.8280

■ 0.0000, 0.0000,
0.0000

■ 206.2930, -1.5490,
-54.5490

■ 206.2930, -1.5490,
-54.5490

■ 199.3710, -2.1890,
-64.9810

■ 212.9160, -1.5050,
-44.3290

■ 192.7480, -2.2330,
-75.2010

■ 219.8380, -0.8650,
-33.8970


■ 185.7120, -2.5520,
-85.9440

■ 226.8740, -0.5460,
-23.1540

■ 179.0890, -2.5960,
-96.1640

■ 233.4970, -0.5020,
-12.9340

 174.0470, -2.7780,
-103.8820

 240.4190, 0.1380,
-2.5020

 246.4720, 1.7870,
6.1630

 247.3690, 3.5750,
6.7990

Harmonies

Analogous

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



213.8240, 54.4760, -40.1480



206.2930, -1.5490, -54.5490



185.1730, -89.3480, -65.7960

Triad

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



206.2930, -1.5490, -54.5490



171.1240, -148.4050, -47.2610



196.5840, 40.4790, 31.8310

Complementary

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



206.2930, -1.5490, -54.5490



150.7070, 1.5490, 54.5490

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.



206.8660, 22.5500, 42.8860



206.2930, -1.5490, -54.5490



200.9340, -61.5280, -8.2800

Square

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



206.2930, -1.5490, -54.5490



177.5810, -151.4300, -53.0140



220.0570, 14.1620, 29.6980



197.1470, 56.8060, 5.7500

Rectangle

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



206.2930, -1.5490, -54.5490



174.4230, -139.7820, -65.8780



220.0570, 14.1620, 29.6980



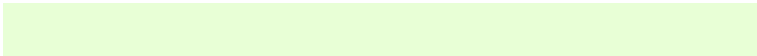
199.0920, 33.4170, 38.6730

Sweetspot

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



206.2930, -1.5490, -54.5490



243.4490, -0.5470, -17.6270



194.0630, 56.4420, -9.6860



120.9640, -0.3190, -10.7430



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.



206.2930, -1.5490, -54.5490



209.7360, -1.9590, -69.1510



190.2330, -36.8510, -64.5550



116.5390, -0.3200, -5.2160



132.2270, -2.3240, -79.0600



40.3470, -0.5000, -23.9880

Inverse Universe

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



150.7070, 1.5490, 54.5490



139.2640, 1.9590, 69.1510



166.7670, 36.8510, 64.5550



111.4610, 0.3200, 5.2160



51.7730, 2.3240, 79.0600



15.6530, 0.5000, 23.9880

Previews

White Background



This preview shows how the YIQ color 206.2930, -1.5490, -54.5490 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 206.2930, -1.5490, -54.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

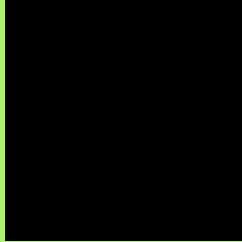
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.2930, -1.5490, -54.5490

Background



This preview shows how black text looks on a background with the YIQ color 206.2930, -1.5490, -54.5490.



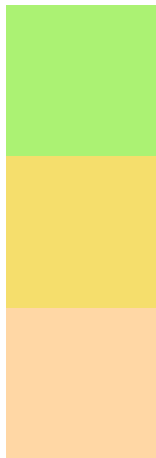
This preview shows how white text looks on a background with the YIQ color 206.2930, -1.5490,

-54.5490.

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

206.2930, -1.5490, -54.5490

Protanopia

215.8810, 50.3020, -30.5780

Deuteranopia

221.2600, 39.8900, -7.0700



Tritanopia

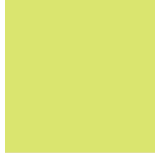
218.6900, -28.4260, -2.4580

Trichromacy



Original Color

206.2930, -1.5490, -54.5490



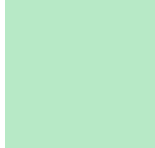
Protanomaly

212.2590, 31.3220, -39.0300



Deuteranomaly

215.8090, 24.4420, -24.4700



Tritanomaly

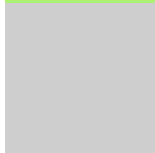
214.0600, -18.5650, -21.4850

Monochromacy



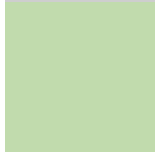
Original Color

206.2930, -1.5490, -54.5490



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

205.9820, -0.7300, -19.8180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.2930, -1.5490, -54.5490 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(171, 242, 115)` looks like.

```
.text, #text, p{  
    color:rgb(171, 242, 115)  
}
```

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(171, 242, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 242, 115) }
```

Border

The CSS property to change the border of an element to YIQ 206.2930, -1.5490, -54.5490 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(171, 242, 115) }
```


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

```
.border{ border-color:rgb(171, 242, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 242, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 242, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 242, 115);  
box-shadow:4px 4px 4px 4px rgb(171, 242,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 206.2930, -1.5490, -54.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 242, 115) }
```

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

```
.background{ background-color: rgb(171,  
242, 115) }
```

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