

Converting Colors

YIQ(188.8450, -29.1060,
-45.2180)

Have a look what the booklet for
YIQ(188.8450, -29.1060, -45.2180)
contains.

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Color

**YIQ(188.8450, -29.1060,
-45.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	85E290
RGB	133, 226, 144
RGB Percent	52%, 89%, 56%
CMY	0.4787, 0.1136, 0.4353
CMYK	0.41, 0.00, 0.36, 0.11
HSL	127°, 62%, 70%
HSV	127°, 41%, 89%
XYZ	41.9019, 61.4080, 36.0247
YIQ	188.8450, -29.1060, -45.2180

Conversions

Conversions Part 2

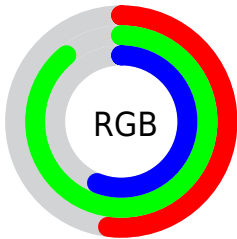
Format	Color
RYB	133, 216, 226
Decimal	8774288
CIELab	82.60, -44.45, 31.67
CIELCh	83, 54.576, 144.532
Yxy	61.4080, 0.3007, 0.4407
Android (android.graphics.Color)	4286964368 (0xFF85E290)
YUV	188.8450, -22.1086, -48.9761
Hunter-Lab	78.3632, -41.6893, 27.5978

Details

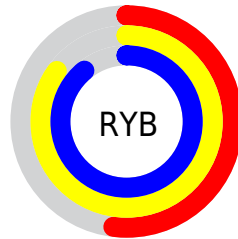
The YIQ color **188.8450, -29.1060, -45.2180** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **170.1550, 29.1060, 45.2180**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.0670, -20.4430, -31.5070**, and **133.4150, -30.7110, -43.6630** is the 20% darker color. If you saturate the color by 10%, you get **179.6880, -36.3940, -56.3140**, and if you desaturate by 10%, it is **198.0020, -21.8180, -34.1220**.

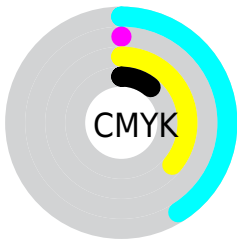
Distribution



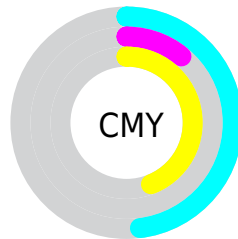
- Red (52%)
- Green (89%)
- Blue (56%)



- Red (52%)
- Yellow (85%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8450, -29.1060, -45.2180 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 188.8450, -29.1060, -45.2180 by changing the saturation by 10% instead.

■ 188.8450,
-29.1060, -45.2180

■ 188.8450,
-29.1060, -45.2180

■ 255.0000, -0.0000,
-0.0000

■ 161.0730,
-29.7480, -44.5960

■ 229.0670,
-20.4430, -31.5070

■ 133.4150,
-30.7110, -43.6630

■ 241.0440,
-12.4680, -16.3400

■ 105.7460,
-33.1410, -43.6770

■ 252.9070, -4.1720,
-1.4840

■ 74.8910, -43.9150,
-46.6590

■ 55.8110, -31.7660,
-41.0620

■ 39.3290, -18.4250,
-35.0410

■ 26.4150, -12.3750,

-23.5350

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 188.8450,
-29.1060, -45.2180

■ 188.8450,
-29.1060, -45.2180

■ 179.6880,
-36.3940, -56.3140

■ 198.0020,
-21.8180, -34.1220

■ 170.8300,
-43.0860, -67.1980

■ 206.8600,
-15.1260, -23.2380

■ 161.6730,
-50.3740, -78.2940

■ 216.0170, -7.8380,
-12.1420

■ 152.8150,
-57.0660, -89.1780

■ 224.8750, -1.1460,
-1.2580

■ 143.6580,
-64.3540, -100.2740

■ 234.0320, 6.1420,
9.8380

■ 135.7400,
-70.8170, -109.8010

■ 237.9770, 7.9750,
15.1670

Harmonies

Analogous

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



196.6370, 21.5100, -37.4180



188.8450, -29.1060, -45.2180



163.6930, -113.8790, -56.2390

Triad

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



188.8450, -29.1060, -45.2180



182.7940, -84.6810, -12.6890



192.6110, 53.0440, 18.8680

Complementary

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



188.8450, -29.1060, -45.2180



170.1550, 29.1060, 45.2180

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.



197.2510, 37.2230, 35.7750



188.8450, -29.1060, -45.2180



202.4270, -19.5350, 18.1370

Square

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



188.8450, -29.1060, -45.2180



161.7320, -144.0050, -38.8930



208.6270, 21.7250, 41.3170



196.5140, 62.7220, -2.3500

Rectangle

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



188.8450, -29.1060, -45.2180



162.4040, -137.6300, -49.8060



208.6270, 21.7250, 41.3170



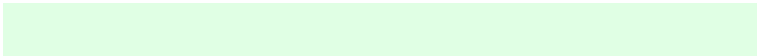
193.2610, 48.4580, 24.8900

Sweetspot

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



188.8450, -29.1060, -45.2180



242.6530, -9.8090, -14.9690



212.1090, 23.2970, -31.2550



120.7940, -5.5920, -8.7920



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.



188.8450, -29.1060, -45.2180



205.0850, -39.1900, -60.7100



194.0890, -43.8720, -30.9120



107.5710, -3.3460, -5.4420



105.7060, -55.1410, -85.5170



28.8600, -15.1260, -23.2380

Inverse Universe

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



170.1550, 29.1060, 45.2180



179.9150, 39.1900, 60.7100



164.9110, 43.8720, 30.9120



105.4290, 3.3460, 5.4420



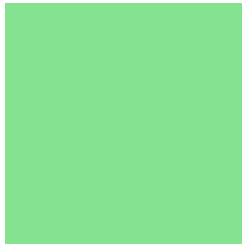
70.2940, 55.1410, 85.5170



19.2540, 14.8050, 23.5490

Previews

White Background



This preview shows how the YIQ color 188.8450, -29.1060, -45.2180 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 188.8450, -29.1060, -45.2180 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 188.8450, -29.1060, -45.2180 Background



This preview shows how black text looks on a background with the YIQ color 188.8450, -29.1060, -45.2180.



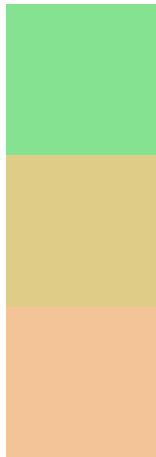
This preview shows how white text looks on a background with the YIQ color 188.8450, -29.1060, -45.2180.

-45.2180.

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

188.8450, -29.1060, -45.2180

Protanopia

201.5160, 32.8770, -17.6430

Deuteranopia

204.6240, 41.8610, -4.2430



Tritanopia

197.9160, -43.9220, -7.9700

Trichromacy



Original Color

188.8450, -29.1060, -45.2180



Protanomaly

196.9860, 10.6420, -27.6780



Deuteranomaly

198.7790, 15.9590, -19.4090



Tritanomaly

194.5230, -38.9220, -21.4980

Monochromacy



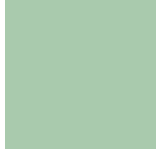
Original Color

188.8450, -29.1060, -45.2180



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

188.8270, -10.3590, -16.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8450, -29.1060, -45.2180 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(133, 226, 144)` looks like.

```
.text, #text, p{  
    color:rgb(133, 226, 144)  
}
```

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(133, 226, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 226, 144) }
```

Border

The CSS property to change the border of an element to YIQ 188.8450, -29.1060, -45.2180 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(133, 226, 144) }
```


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

```
.border{ border-color:rgb(133, 226, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 226, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 226, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 226, 144);  
box-shadow:4px 4px 4px 4px rgb(133, 226,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8450, -29.1060, -45.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 226, 144) }
```

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

```
.background{ background-color: rgb(133,  
226, 144) }
```

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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