

Converting Colors

YIQ(189.2750, -27.5010,
-46.7730)

Have a look what the booklet for
YIQ(189.2750, -27.5010, -46.7730)
contains.

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Color

**YIQ(189.2750, -27.5010,
-46.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	86E38C
RGB	134, 227, 140
RGB Percent	53%, 89%, 55%
CMY	0.4748, 0.1096, 0.4510
CMYK	0.41, 0.00, 0.38, 0.11
HSL	124°, 62%, 71%
HSV	124°, 41%, 89%
XYZ	42.0329, 61.9151, 34.5423
YIQ	189.2750, -27.5010, -46.7730

Conversions

Conversions Part 2

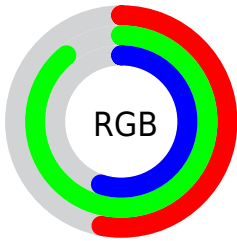
Format	Color
RYB	134, 221, 227
Decimal	8840076
CIELab	82.87, -45.22, 34.06
CIELCh	83, 56.610, 143.013
Yxy	61.9151, 0.3035, 0.4471
Android (android.graphics.Color)	4287030156 (0xFF86E38C)
YUV	189.2750, -24.2926, -48.4762
Hunter-Lab	78.6862, -42.3490, 29.0527

Details

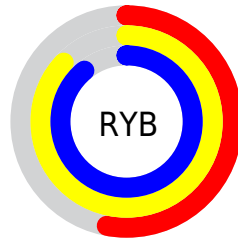
The YIQ color **189.2750, -27.5010, -46.7730** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **171.7250, 27.5010, 46.7730**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.9100, -18.5630, -32.5390**, and **133.8450, -29.1060, -45.2180** is the 20% darker color. If you saturate the color by 10%, you get **180.0040, -34.4680, -58.1800**, and if you desaturate by 10%, it is **198.5460, -20.5340, -35.3660**.

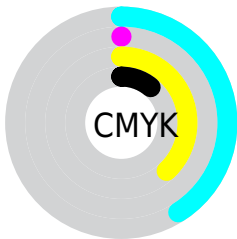
Distribution



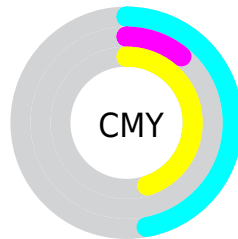
- Red (53%)
- Green (89%)
- Blue (55%)



- Red (53%)
- Yellow (87%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.2750, -27.5010, -46.7730 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 189.2750, -27.5010, -46.7730 by changing the saturation by 10% instead.

■ 189.2750,
-27.5010, -46.7730

■ 189.2750,
-27.5010, -46.7730

■ 255.0000, -0.0000,
-0.0000

■ 161.5030,
-28.1430, -46.1510

■ 228.9100,
-18.5630, -32.5390

■ 133.8450,
-29.1060, -45.2180

■ 240.8870,
-10.5880, -17.3720

■ 106.1760,
-31.5360, -45.2320

■ 252.7500, -2.2920,
-2.5160

■ 75.6200, -41.7140,
-48.0020

■ 55.7140, -30.1150,
-43.4510

■ 39.9160, -18.7000,
-35.5640

■ 26.4150, -12.3750,

-23.5350

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 189.2750,
-27.5010, -46.7730

■ 189.2750,
-27.5010, -46.7730

■ 180.0040,
-34.4680, -58.1800

■ 198.5460,
-20.5340, -35.3660

■ 171.0320,
-40.8390, -69.3750

■ 207.5180,
-14.1630, -24.1710

■ 161.6470,
-47.4850, -81.0930

■ 216.9030, -7.5170,
-12.4530

■ 152.3760,
-54.4520, -92.5000

■ 226.1740, -0.5500,
-1.0460

■ 143.1050,
-61.4190, -103.9070

■ 235.1460, 5.8210,
10.1490

■ 134.9590,
-67.2400, -114.0560

■ 238.5640, 7.7000,
14.6440

Harmonies

Analogous

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



197.6650, 24.3070, -38.5490



189.2750, -27.5010, -46.7730



158.6590, -125.7070, -62.1470

Triad

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



189.2750, -27.5010, -46.7730



178.8850, -95.3630, -17.3390



192.2520, 52.6770, 20.0130

Complementary

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



189.2750, -27.5010, -46.7730



171.7250, 27.5010, 46.7730

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.



197.1200, 36.2140, 37.5420



189.2750, -27.5010, -46.7730



201.8180, -22.1940, 16.7660

Square

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



189.2750, -27.5010, -46.7730



162.9060, -144.5550, -39.9390



209.2140, 21.4500, 40.7940



195.9270, 62.9970, -1.8270

Rectangle

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



189.2750, -27.5010, -46.7730



163.4640, -137.8590, -51.1630



209.2140, 21.4500, 40.7940



192.4290, 48.0450, 26.8690

Sweetspot

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



189.2750, -27.5010, -46.7730



242.4250, -9.1670, -15.5910



214.9030, 26.8730, -29.9830



120.6800, -5.2710, -9.1030



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.



189.2750, -27.5010, -46.7730



204.2870, -36.9430, -62.8870



194.4050, -41.9460, -32.7780



110.1580, -3.6210, -5.9650



106.4410, -53.0770, -89.8850



30.2790, -14.9880, -25.7400

Inverse Universe

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



171.7250, 27.5010, 46.7730



180.7130, 36.9430, 62.8870



166.5950, 41.9460, 32.7780



107.8420, 3.6210, 5.9650



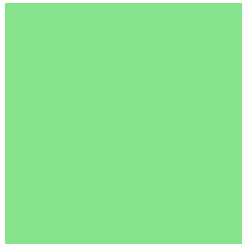
72.5590, 53.0770, 89.8850



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 189.2750, -27.5010, -46.7730 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 189.2750, -27.5010, -46.7730 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 189.2750, -27.5010, -46.7730 Background



This preview shows how black text looks on a background with the YIQ color 189.2750, -27.5010, -46.7730.



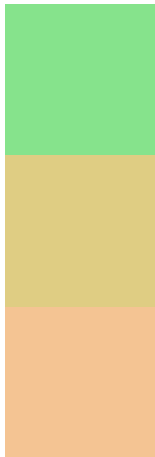
This preview shows how white text looks on a background with the YIQ color 189.2750, -27.5010, -46.7730.

-46.7730.

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

189.2750, -27.5010, -46.7730

Protanopia

201.9460, 34.4820, -19.1980

Deuteranopia

204.7660, 44.3370, -5.0630



Tritanopia

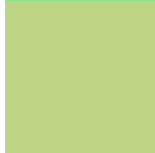
199.1010, -43.0050, -8.0690

Trichromacy



Original Color

189.2750, -27.5010, -46.7730



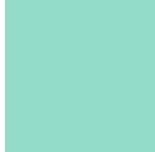
Protanomaly

197.4160, 12.2470, -29.2330



Deuteranomaly

198.9210, 18.4350, -20.2290



Tritanomaly

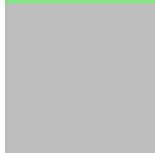
195.4800, -37.3630, -22.2190

Monochromacy



Original Color

189.2750, -27.5010, -46.7730



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

189.1860, -9.9920, -17.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.2750, -27.5010, -46.7730 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(134, 227, 140)` looks like.

```
.text, #text, p{  
    color:rgb(134, 227, 140)  
}
```

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(134, 227, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 227, 140) }
```

Border

The CSS property to change the border of an element to YIQ 189.2750, -27.5010, -46.7730 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(134, 227, 140) }
```


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

```
.border{ border-color:rgb(134, 227, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 227, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 227, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 227, 140);  
box-shadow:4px 4px 4px 4px rgb(134, 227,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 189.2750, -27.5010, -46.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 227, 140) }
```

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

```
.background{ background-color: rgb(134,  
227, 140) }
```

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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