

Converting Colors

YIQ(189.5420, -23.8790,
-46.3350)

Have a look what the booklet for
YIQ(189.5420, -23.8790, -46.3350)
contains.

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Color

**YIQ(189.5420, -23.8790,
-46.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE289
RGB	138, 226, 137
RGB Percent	54%, 89%, 54%
CMY	0.4591, 0.1136, 0.4628
CMYK	0.39, 0.00, 0.39, 0.11
HSL	119°, 61%, 71%
HSV	119°, 39%, 89%
XYZ	42.1913, 61.6162, 33.3338
YIQ	189.5420, -23.8790, -46.3350

Conversions

Conversions Part 2

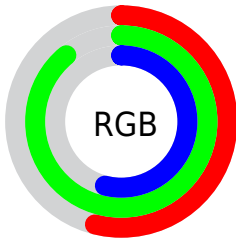
Format	Color
RYB	137, 226, 225
Decimal	9101961
CIELab	82.71, -44.05, 35.39
CIElCh	83, 56.511, 141.221
Yxy	61.6162, 0.3076, 0.4493
Android (android.graphics.Color)	4287292041 (0xFF8AE289)
YUV	189.5420, -25.9032, -45.2023
Hunter-Lab	78.4960, -41.4248, 29.7693

Details

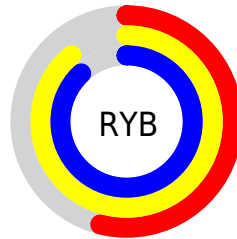
The YIQ color **189.5420, -23.8790, -46.3350** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **173.4580, 23.8790, 46.3350**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.7640, -15.2160, -32.6240**, and **134.1120, -25.4840, -44.7800** is the 20% darker color. If you saturate the color by 10%, you get **180.3420, -29.6080, -58.1520**, and if you desaturate by 10%, it is **198.7420, -18.1500, -34.5180**.

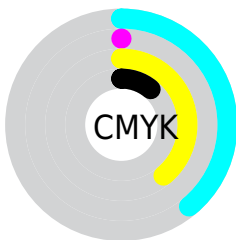
Distribution



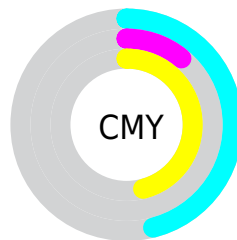
- Red (54%)
- Green (89%)
- Blue (54%)



- Red (54%)
- Yellow (89%)
- Blue (88%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.5420, -23.8790, -46.3350 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 189.5420, -23.8790, -46.3350 by changing the saturation by 10% instead.

■ 189.5420,
-23.8790, -46.3350

■ 189.5420,
-23.8790, -46.3350

■ 255.0000, -0.0000,
-0.0000

■ 161.7700,
-24.5210, -45.7130

■ 229.7640,
-15.2160, -32.6240

■ 134.1120,
-25.4840, -44.7800

■ 241.6270, -6.9200,
-17.7680

■ 107.0410,
-26.7220, -44.3700

■ 253.6040, 1.0550,
-2.6010

■ 78.5780, -32.7280,
-45.6560

■ 55.2580, -28.8310,
-44.6950

■ 39.3290, -18.4250,
-35.0410

■ 26.4150, -12.3750,

-23.5350

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 189.5420,
-23.8790, -46.3350

■ 189.5420,
-23.8790, -46.3350

■ 180.3420,
-29.6080, -58.1520

■ 198.7420,
-18.1500, -34.5180

■ 170.9570,
-36.2540, -69.8700

■ 208.1270,
-11.5040, -22.8000

■ 161.7570,
-41.9830, -81.6870

■ 217.3270, -5.7750,
-10.9830

■ 152.3720,
-48.6290, -93.4050

■ 226.4130, 0.2750,
0.5230

■ 143.1720,
-54.3580, -105.2220

■ 235.9120, 6.6000,
12.5520

■ 133.9720,
-60.0870, -117.0390

■ 237.9770, 7.9750,
15.1670

■ 133.2600,
-60.9580, -117.7740

Harmonies

Analogous

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



197.1600, 27.2870, -37.4890



189.5420, -23.8790, -46.3350



165.6890, -108.0560, -57.1440

Triad

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



189.5420, -23.8790, -46.3350



175.5960, -101.9190, -19.6710



191.8930, 52.3100, 21.1580

Complementary

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



189.5420, -23.8790, -46.3350



173.4580, 23.8790, 46.3350

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.



197.4620, 35.2510, 38.4750



189.5420, -23.8790, -46.3350



200.6110, -26.0450, 14.9710

Square

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



189.5420, -23.8790, -46.3350



162.9060, -144.5550, -39.9390



209.2140, 21.4500, 40.7940



194.9810, 62.9050, -0.1590

Rectangle

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



189.5420, -23.8790, -46.3350



162.4210, -136.3000, -51.8840



209.2140, 21.4500, 40.7940



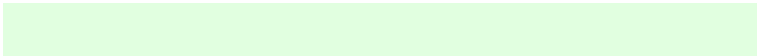
192.7710, 47.0820, 27.8020

Sweetspot

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



189.5420, -23.8790, -46.3350



242.4960, -7.9290, -16.0010



215.2670, 28.8440, -27.1560



120.5660, -4.9500, -9.4140



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.



189.5420, -23.8790, -46.3350



205.7390, -32.4040, -62.5480



194.1450, -38.2780, -33.1740



107.4570, -3.0250, -5.7530



103.9100, -47.2080, -91.6240



28.4750, -12.6040, -24.8920

Inverse Universe

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



173.4580, 23.8790, 46.3350



184.2610, 32.4040, 62.5480



168.8550, 38.2780, 33.1740



105.5430, 3.0250, 5.7530



72.0900, 47.2080, 91.6240



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 189.5420, -23.8790, -46.3350 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 189.5420, -23.8790, -46.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

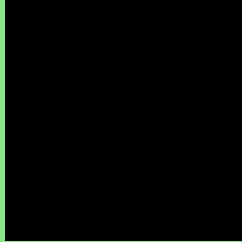
Any Text WCAG AA ✓ Pass

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 189.5420, -23.8790, -46.3350 Background



This preview shows how black text looks on a background with the YIQ color 189.5420, -23.8790, -46.3350.



This preview shows how white text looks on a background with the YIQ color 189.5420, -23.8790, -46.3350.

-46.3350.

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

189.5420, -23.8790, -46.3350

Protanopia

201.7180, 35.1240, -19.8200

Deuteranopia

204.4240, 45.3000, -5.9960



Tritanopia

199.2970, -40.6210, -7.2210

Trichromacy



Original Color

189.5420, -23.8790, -46.3350



Protanomaly

197.4870, 13.4850, -29.6430



Deuteranomaly

198.8780, 19.9940, -20.9500



Tritanomaly

195.5620, -34.6580, -21.6820

Monochromacy



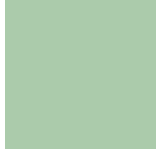
Original Color

189.5420, -23.8790, -46.3350



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.7840, -8.8000, -16.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.5420, -23.8790, -46.3350 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(138, 226, 137)` looks like.

```
.text, #text, p{  
    color:rgb(138, 226, 137)  
}
```

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(138, 226, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 226, 137) }
```

Border

The CSS property to change the border of an element to YIQ 189.5420, -23.8790, -46.3350 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(138, 226, 137) }
```


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

```
.border{ border-color:rgb(138, 226, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 226, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 226, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 226, 137);  
box-shadow:4px 4px 4px 4px rgb(138, 226,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 189.5420, -23.8790, -46.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 226, 137) }
```

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

```
.background{ background-color: rgb(138,  
226, 137) }
```

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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