

Converting Colors

YIQ(188.2440, -34.2430,
-34.7150)

Have a look what the booklet for
YIQ(188.2440, -34.2430, -34.7150)
contains.

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Color

**YIQ(188.2440, -34.2430,
-34.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	86DCA7
RGB	134, 220, 167
RGB Percent	53%, 86%, 65%
CMY	0.4747, 0.1371, 0.3452
CMYK	0.39, 0.00, 0.24, 0.14
HSL	143°, 55%, 69%
HSV	143°, 39%, 86%
XYZ	42.3973, 59.0578, 45.7122
YIQ	188.2440, -34.2430, -34.7150

Conversions

Conversions Part 2

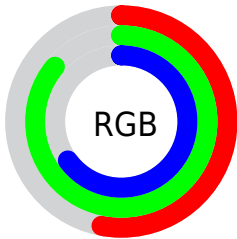
Format	Color
RYB	134, 196, 220
Decimal	8838311
CIELab	81.32, -37.46, 18.04
CIELCh	81, 41.580, 154.284
Yxy	59.0578, 0.2881, 0.4013
Android (android.graphics.Color)	4287028391 (0xFF86DCA7)
YUV	188.2440, -10.4733, -47.5720
Hunter-Lab	76.8491, -36.0081, 18.5268

Details

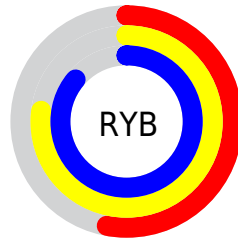
The YIQ color **188.2440, -34.2430, -34.7150** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **165.7560, 34.2430, 34.7150**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.8030, -28.1470, -24.0430**, and **132.9990, -34.9310, -33.2590** is the 20% darker color. If you saturate the color by 10%, you get **180.0700, -42.8610, -43.7330**, and if you desaturate by 10%, it is **196.4180, -25.6250, -25.6970**.

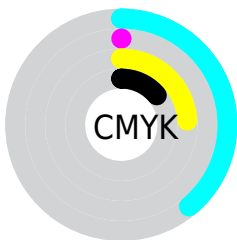
Distribution



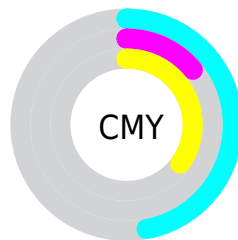
- Red (53%)
- Green (86%)
- Blue (65%)



- Red (53%)
- Yellow (77%)
- Blue (86%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (47%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2440, -34.2430, -34.7150 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 188.2440, -34.2430, -34.7150 by changing the saturation by 10% instead.

■ 188.2440,
-34.2430, -34.7150

■ 188.2440,
-34.2430, -34.7150

■ 255.0000, -0.0000,
-0.0000

■ 160.6570,
-33.9680, -34.1920

■ 231.8030,
-28.1470, -24.0430

■ 132.9990,
-34.9310, -33.2590

■ 243.7800,
-20.1720, -8.8760

■ 106.5150,
-36.4440, -33.3720

■ 252.9070, -4.1720,
-1.4840

■ 78.3510, -41.8540,
-34.4460

■ 56.0850, -38.0490,
-31.8170

■ 39.4890, -24.3870,
-26.1070

■ 24.0670, -11.2750,

-21.4430

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 188.2440,
-34.2430, -34.7150

■ 188.2440,
-34.2430, -34.7150

■ 180.0700,
-42.8610, -43.7330

■ 196.4180,
-25.6250, -25.6970

■ 172.0100,
-51.8000, -52.4400

■ 204.4780,
-16.6860, -16.9900

■ 163.8360,
-60.4180, -61.4580

■ 212.6520, -8.0680,
-7.9720

■ 155.7760,
-69.3570, -70.1650

■ 220.7120, 0.8710,
0.7350

■ 147.6020,
-77.9750, -79.1830

■ 228.8860, 9.4890,
9.7530

■ 139.5420,
-86.9140, -87.8900

■ 233.6570, 11.8720,
16.1280

■ 138.7160,
-87.4640, -88.9360

■ 234.4550, 9.6250,
18.3050

Harmonies

Analogous

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



194.6540, 5.6450, -30.7310



188.2440, -34.2430, -34.7150



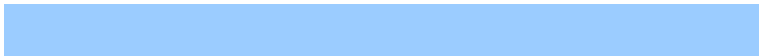
178.9030, -78.5790, -35.1790

Triad

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



188.2440, -34.2430, -34.7150



195.1630, -45.5750, 5.4730



197.7970, 52.2200, 11.7720

Complementary

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



188.2440, -34.2430, -34.7150



165.7560, 34.2430, 34.7150

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.



199.7810, 41.1220, 25.6820



188.2440, -34.2430, -34.7150



204.5860, -6.5610, 25.3030

Square

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



188.2440, -34.2430, -34.7150



181.8860, -87.9360, -14.2720



207.1620, 27.2280, 35.1960



201.7630, 57.5870, -2.9010

Rectangle

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



188.2440, -34.2430, -34.7150



171.8260, -106.0430, -33.0430



207.1620, 27.2280, 35.1960



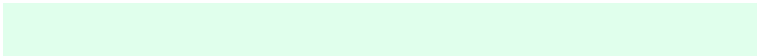
197.9910, 48.9180, 16.5500

Sweetspot

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



188.2440, -34.2430, -34.7150



243.5650, -12.3770, -12.4810



200.3290, 7.9380, -33.7420



121.2500, -6.8760, -7.5480



0.0000, 0.0000, 0.0000



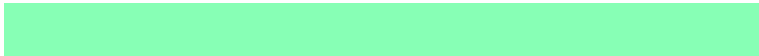
128.0000, -0.0000, -0.0000

Same Dimension

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



188.2440, -34.2430, -34.7150



210.6840, -47.7660, -48.4540



193.1460, -48.0460, -21.3420



105.9130, -4.3090, -4.5090



109.1890, -69.0820, -69.6420



29.0540, -18.4280, -18.4600

Inverse Universe

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



165.7560, 34.2430, 34.7150



179.3160, 47.7660, 48.4540



160.8540, 48.0460, 21.3420



102.9730, 4.6300, 4.1980



63.9250, 68.7610, 69.9530



16.9460, 18.4280, 18.4600

Previews

White Background



This preview shows how the YIQ color 188.2440, -34.2430, -34.7150 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 188.2440, -34.2430, -34.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

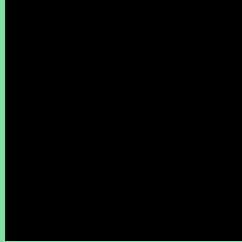
Any Text WCAG AA ✓ Pass

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 188.2440, -34.2430, -34.7150 Background



This preview shows how black text looks on a background with the YIQ color 188.2440, -34.2430, -34.7150.



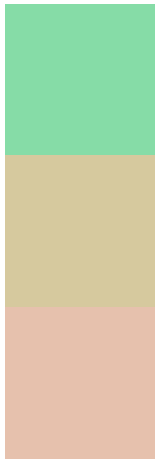
This preview shows how white text looks on a background with the YIQ color 188.2440, -34.2430, -34.7150.

-34.7150.

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

188.2440, -34.2430, -34.7150

Protanopia

199.9850, 21.5510, -10.6170

Deuteranopia

201.7830, 28.4720, 1.6240



Tritanopia

194.8020, -43.6010, -8.2810

Trichromacy



Original Color

188.2440, -34.2430, -34.7150

Protanomaly

195.7650, 1.3790, -19.4930

Deuteranomaly

196.9600, 5.5040, -11.6480

Tritanomaly

192.4460, -40.0230, -18.0630

Monochromacy



Original Color

188.2440, -34.2430, -34.7150

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1520, -12.6520, -13.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2440, -34.2430, -34.7150 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, 220, 167)` looks like.

```
.text, #text, p{  
    color:rgb(134, 220, 167)  
}
```

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, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 220, 167) }
```

Border

The CSS property to change the border of an element to YIQ 188.2440, -34.2430, -34.7150 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, 220, 167) }
```


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

```
.border{ border-color:rgb(134, 220, 167) }
```

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

Here you see how a box with a 4 pixel rgb(134, 220, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 220, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 220, 167);  
box-shadow:4px 4px 4px 4px rgb(134, 220,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2440, -34.2430, -34.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 220, 167) }
```

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

```
.background{ background-color: rgb(134,  
220, 167) }
```

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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