

Converting Colors

YIQ(187.0660, -37.0380,
-44.6380)

Have a look what the booklet for
YIQ(187.0660, -37.0380, -44.6380)
contains.

YIQ(187.0660, -37.0380, -44.6380)	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(187.0660, -37.0380,
-44.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	7CE298
RGB	124, 226, 152
RGB Percent	49%, 89%, 60%
CMY	0.5140, 0.1135, 0.4040
CMYK	0.45, 0.00, 0.33, 0.11
HSL	136°, 64%, 69%
HSV	136°, 45%, 89%
XYZ	41.1751, 60.9618, 39.2926
YIQ	187.0660, -37.0380, -44.6380

Conversions

Conversions Part 2

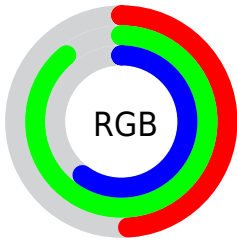
Format	Color
RYB	124, 204, 226
Decimal	8184472
CIELab	82.36, -45.63, 27.19
CIELCh	82, 53.118, 149.207
Yxy	60.9618, 0.2911, 0.4310
Android (android.graphics.Color)	4286374552 (0xFF7CE298)
YUV	187.0660, -17.2875, -55.3089
Hunter-Lab	78.0780, -42.5030, 24.8171

Details

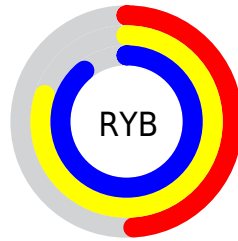
The YIQ color **187.0660, -37.0380, -44.6380** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **162.9340, 37.0380, 44.6380**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.4020, -28.6960, -30.6160**, and **131.2230, -38.9180, -43.6060** is the 20% darker color. If you saturate the color by 10%, you get **178.3650, -45.6100, -54.4900**, and if you desaturate by 10%, it is **195.7670, -28.4660, -34.7860**.

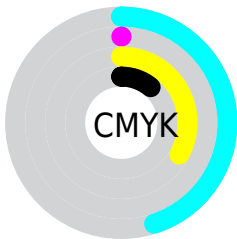
Distribution



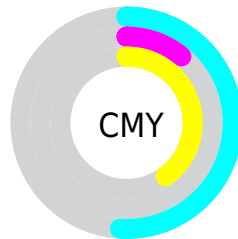
- Red (49%)
- Green (89%)
- Blue (60%)



- Red (49%)
- Yellow (80%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0660, -37.0380, -44.6380 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 187.0660, -37.0380, -44.6380 by changing the saturation by 10% instead.

■ 187.0660,
-37.0380, -44.6380

■ 187.0660,
-37.0380, -44.6380

■ 255.0000, -0.0000,
-0.0000

■ 159.2940,
-37.6800, -44.0160

■ 227.4020,
-28.6960, -30.6160

■ 130.9240,
-39.5140, -43.8180

■ 239.2650,
-20.4000, -15.7600

■ 102.4720,
-44.0530, -44.1570

■ 250.2160, -9.5360,
-3.3920

■ 74.6070, -48.8670,
-45.0190

■ 56.7230, -34.3340,
-38.5740

■ 40.0130, -20.3510,
-33.1750

■ 25.8280, -12.1000,

-23.0120

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 187.0660,
-37.0380, -44.6380

■ 187.0660,
-37.0380, -44.6380

■ 178.3650,
-45.6100, -54.4900

■ 195.7670,
-28.4660, -34.7860

■ 169.8490,
-53.2650, -64.4410


■ 204.2830,
-20.8110, -24.8350


■ 161.1480,
-61.8370, -74.2930


■ 212.9840,
-12.2390, -14.9830

■ 152.6320,
-69.4920, -84.2440

■ 221.5000, -4.5840,
-5.0320

 143.9310,
-78.0640, -94.0960

 230.2010, 3.9880,
4.8200

 139.7300,
-82.0520, -98.9160

 237.4070, 9.5800,
13.6120

 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.



195.5160, 14.5410, -37.7710



187.0660, -37.0380, -44.6380



158.0380, -128.0920, -57.4680

Triad

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



187.0660, -37.0380, -44.6380



187.6220, -69.2770, -5.5090



192.9870, 54.7410, 15.6450

Complementary

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



187.0660, -37.0380, -44.6380



162.9340, 37.0380, 44.6380

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.



196.2250, 40.1120, 32.9760



187.0660, -37.0380, -44.6380



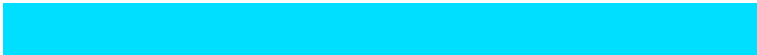
203.6670, -11.2830, 22.7730

Square

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



187.0660, -37.0380, -44.6380



159.9710, -143.1800, -37.3240



207.4530, 22.2750, 42.3630



197.9330, 62.8600, -4.8520

Rectangle

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



187.0660, -37.0380, -44.6380



162.5010, -139.2810, -47.4170



207.4530, 22.2750, 42.3630



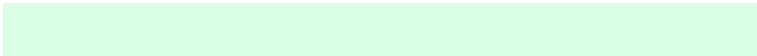
193.0500, 50.4300, 22.1900

Sweetspot

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



187.0660, -37.0380, -44.6380



241.2720, -13.1100, -15.7180



206.2990, 16.6500, -37.4460



119.5980, -7.9760, -9.6400



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.



187.0660, -37.0380, -44.6380



202.3380, -50.1480, -60.3560



192.7660, -53.0880, -29.0880



107.7990, -3.9880, -4.8200



108.7840, -63.8080, -77.1200



29.6580, -17.3730, -21.0610

Inverse Universe

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



162.9340, 37.0380, 44.6380



169.6620, 50.1480, 60.3560



157.2340, 53.0880, 29.0880



105.2010, 3.9880, 4.8200



67.2160, 63.8080, 77.1200



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 187.0660, -37.0380, -44.6380 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 187.0660, -37.0380, -44.6380 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 187.0660, -37.0380, -44.6380 Background



This preview shows how black text looks on a background with the YIQ color 187.0660, -37.0380, -44.6380.



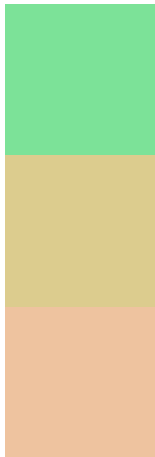
This preview shows how white text looks on a background with the YIQ color 187.0660, -37.0380, -44.6380.

-44.6380.

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

187.0660, -37.0380, -44.6380

Protanopia

201.7160, 29.4380, -15.8900

Deuteranopia

203.7530, 37.1840, -2.0800



Tritanopia

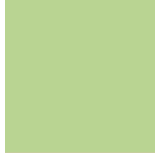
196.1110, -48.9650, -10.1890

Trichromacy



Original Color

187.0660, -37.0380, -44.6380



Protanomaly

196.4030, 5.0940, -26.2500



Deuteranomaly

197.6090, 10.6860, -17.4580



Tritanomaly

193.0600, -44.9280, -22.7840

Monochromacy



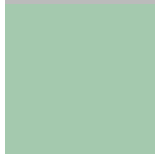
Original Color

187.0660, -37.0380, -44.6380



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

186.8590, -13.3850, -16.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0660, -37.0380, -44.6380 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(124, 226, 152)` looks like.

```
.text, #text, p{  
    color:rgb(124, 226, 152)  
}
```

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(124, 226, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 226, 152) }
```

Border

The CSS property to change the border of an element to YIQ 187.0660, -37.0380, -44.6380 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(124, 226, 152) }
```


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

```
.border{ border-color:rgb(124, 226, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 226, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 226, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 226, 152); box-shadow:4px 4px 4px 4px rgb(124, 226, 152) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0660, -37.0380, -44.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 226, 152) }
```

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

```
.background{ background-color: rgb(124,  
226, 152) }
```

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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