

Converting Colors

YIQ(187.0710, -26.2660,
-30.6020)

Have a look what the booklet for
YIQ(187.0710, -26.2660, -30.6020)
contains.

YIQ(187.0710, -26.2660, -30.6020)	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(187.0710, -26.2660,
-30.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD6A4
RGB	143, 214, 164
RGB Percent	56%, 84%, 64%
CMY	0.4394, 0.1607, 0.3569
CMYK	0.33, 0.00, 0.23, 0.16
HSL	138°, 46%, 70%
HSV	138°, 33%, 84%
XYZ	42.0723, 56.6230, 43.8259
YIQ	187.0710, -26.2660, -30.6020

Conversions

Conversions Part 2

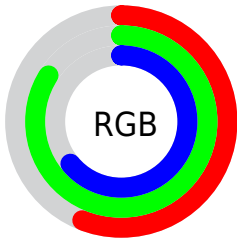
Format	Color
RYB	143, 198, 214
Decimal	9426596
CIELab	79.97, -32.59, 17.79
CIELCh	80, 37.135, 151.372
Yxy	56.6230, 0.2952, 0.3973
Android (android.graphics.Color)	4287616676 (0xFF8FD6A4)
YUV	187.0710, -11.3740, -38.6503
Hunter-Lab	75.2483, -31.8828, 18.1422

Details

The YIQ color **187.0710, -26.2660, -30.6020** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **169.9290, 26.2660, 30.6020**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.1520, -21.8200, -23.0680**, and **133.0110, -26.0370, -29.2450** is the 20% darker color. If you saturate the color by 10%, you get **179.0820, -33.9670, -39.7190**, and if you desaturate by 10%, it is **195.0600, -18.5650, -21.4850**.

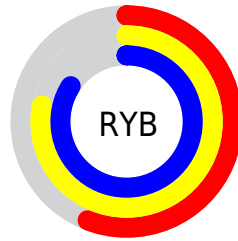
Distribution



Red (56%)

Green (84%)

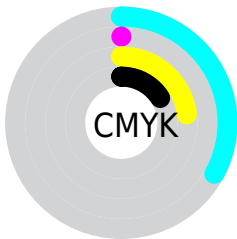
Blue (64%)



Red (56%)

Yellow (78%)

Blue (84%)

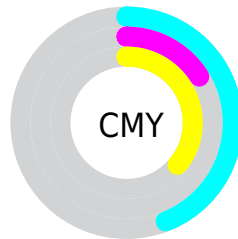


Cyan (33%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (44%)

Magenta (16%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0710, -26.2660, -30.6020 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 187.0710, -26.2660, -30.6020 by changing the saturation by 10% instead.

■ 187.0710,
-26.2660, -30.6020

■ 187.0710,
-26.2660, -30.6020

■ 255.0000, -0.0000,
-0.0000

■ 159.5980,
-26.3120, -29.7680

■ 233.8530,
-22.4160, -23.2800

■ 133.0110,
-26.0370, -29.2450

■ 245.8300,
-14.4410, -8.1130

■ 106.5380,
-26.0830, -28.4110

■ 81.1680, -27.9170,
-28.2130

■ 53.1070, -35.1150,
-29.9230

■ 36.3260, -22.3700,
-24.1140

■ 21.7190, -10.1750,

-19.3510

■ 0.0000, 0.0000,
0.0000

■ 187.0710,
-26.2660, -30.6020

■ 187.0710,
-26.2660, -30.6020

■ 179.0820,
-33.9670, -39.7190

■ 195.0600,
-18.5650, -21.4850

■ 170.7940,
-42.2640, -49.0480

■ 203.3480,
-10.2680, -12.1560

■ 162.8050,
-49.9650, -58.1650

■ 211.3370, -2.5670,
-3.0390

■ 154.5170,
-58.2620, -67.4940

■ 219.6250, 5.7300,
6.2900

■ 146.5280,
-65.9630, -76.6110

■ 227.6140, 13.4310,
15.4070

■ 138.5390,
-73.6640, -85.7280

■ 230.8190, 11.5960,
21.1320

■ 132.8000,
-79.0730, -92.3290

■ 230.9330, 11.2750,
21.4430

Harmonies

Analogous

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



192.2570, 8.4410, -26.3350



187.0710, -26.2660, -30.6020



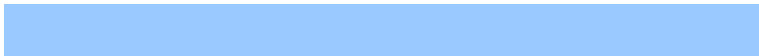
180.5630, -62.7620, -29.9780

Triad

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



187.0710, -26.2660, -30.6020



192.8040, -45.9420, 6.6180



197.6660, 51.2110, 13.5390

Complementary

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



187.0710, -26.2660, -30.6020



169.9290, 26.2660, 30.6020

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



187.0710, -26.2660, -30.6020



201.3080, -11.6500, 23.9180

Square

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



187.0710, -26.2660, -30.6020



183.1260, -79.6840, -9.6360



203.3030, 22.2770, 31.3090



198.7780, 53.2310, -1.0490

Rectangle

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



187.0710, -26.2660, -30.6020



176.9060, -82.6610, -27.2770



203.3030, 22.2770, 31.3090



197.7460, 48.2300, 18.0060

Sweetspot

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



187.0710, -26.2660, -30.6020



245.4730, -9.1220, -10.8980



199.9260, 10.8710, -26.3210



121.9620, -6.0050, -6.8130



0.0000, 0.0000, 0.0000



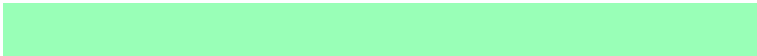
128.0000, -0.0000, -0.0000

Same Dimension

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



187.0710, -26.2660, -30.6020



216.2940, -37.6800, -44.0160



191.0610, -37.5010, -19.7170



102.9130, -4.3090, -4.5090



106.1910, -63.3960, -73.5720



26.7230, -15.9980, -18.4460

Inverse Universe

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



169.9290, 26.2660, 30.6020



191.7060, 37.6800, 44.0160



165.9390, 37.5010, 19.7170



100.2010, 3.9880, 4.8200



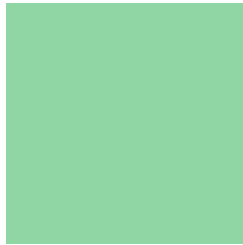
64.8090, 63.3960, 73.5720



16.3910, 15.6770, 18.7570

Previews

White Background



This preview shows how the YIQ color 187.0710, -26.2660, -30.6020 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 187.0710, -26.2660, -30.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

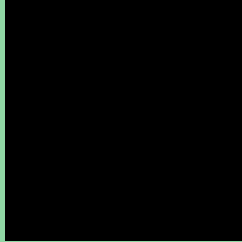
Any Text WCAG AA ✓ Pass

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 187.0710, -26.2660, -30.6020 Background



This preview shows how black text looks on a background with the YIQ color 187.0710, -26.2660, -30.6020.



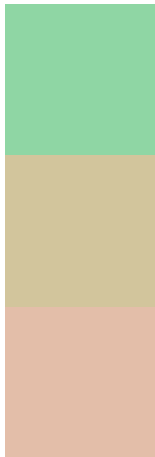
This preview shows how white text looks on a background with the YIQ color 187.0710, -26.2660, -30.6020.

-30.6020.

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

187.0710, -26.2660, -30.6020

Protanopia

196.2130, 20.9090, -9.9950

Deuteranopia

198.6690, 28.7930, 1.3130



Tritanopia

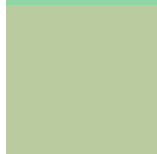
192.6890, -35.8530, -5.5250

Trichromacy



Original Color

187.0710, -26.2660, -30.6020



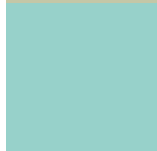
Protanomaly

192.9010, 3.9920, -17.2880



Deuteranomaly

194.4550, 8.4840, -10.5880



Tritanomaly

190.8600, -32.3210, -14.4730

Monochromacy



Original Color

187.0710, -26.2660, -30.6020



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.1740, -9.7180, -11.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0710, -26.2660, -30.6020 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(143, 214, 164)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 164)  
}
```

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(143, 214, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 164) }
```

Border

The CSS property to change the border of an element to YIQ 187.0710, -26.2660, -30.6020 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(143, 214, 164) }
```


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

```
.border{ border-color:rgb(143, 214, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 214, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 164);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0710, -26.2660, -30.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 164) }
```

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

```
.background{ background-color: rgb(143,  
214, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor