

Converting Colors

YIQ(186.6610, -12.2870,
-3.0950)

Have a look what the booklet for
YIQ(186.6610, -12.2870, -3.0950)
contains.

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Color

**YIQ(186.6610, -12.2870,
-3.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC0C3
RGB	173, 192, 195
RGB Percent	68%, 75%, 76%
CMY	0.3216, 0.2470, 0.2353
CMYK	0.11, 0.02, 0.00, 0.24
HSL	188°, 15%, 72%
HSV	188°, 11%, 76%
XYZ	45.9314, 50.5253, 58.9536
YIQ	186.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

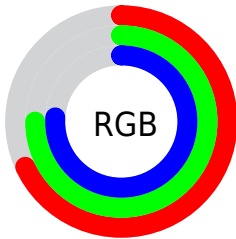
Format	Color
RYB	173, 183, 195
Decimal	11387075
CIELab	76.39, -5.87, -3.72
CIELCh	76, 6.945, 212.346
Yxy	50.5253, 0.2955, 0.3251
Android (android.graphics.Color)	4289577155 (0xFFADC0C3)
YUV	186.6610, 4.1111, -11.9807
Hunter-Lab	71.0812, -9.0485, 0.5826

Details

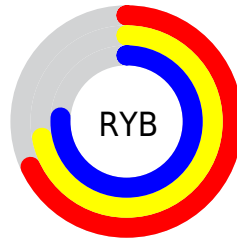
The YIQ color **186.6610, -12.2870, -3.0950** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181.3390, 12.2870, 3.0950**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.7750, -12.6080, -2.7840**, and **133.5470, -11.9660, -3.4060** is the 20% darker color. If you saturate the color by 10%, you get **178.9200, -23.3820, -5.7660**, and if you desaturate by 10%, it is **194.1030, -1.7880, -0.6360**.

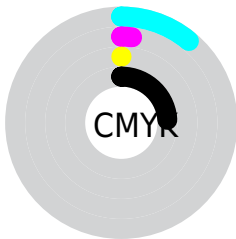
Distribution



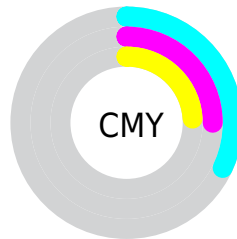
- Red (68%)
- Green (75%)
- Blue (76%)



- Red (68%)
- Yellow (72%)
- Blue (76%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (32%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.6610, -12.2870, -3.0950 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 186.6610, -12.2870, -3.0950 by changing the saturation by 10% instead.

■ 186.6610,
-12.2870, -3.0950

■ 186.6610,
-12.2870, -3.0950

■ 255.0000, -0.0000,
-0.0000

■ 159.6610,
-12.2870, -3.0950

■ 242.6610,
-12.2870, -3.0950

■ 133.5470,
-11.9660, -3.4060

■ 108.2590,
-11.0950, -2.6710

■ 84.1450, -10.7740,
-2.9820

■ 60.5580, -10.4990,
-2.4590

■ 38.5580, -10.4990,
-2.4590

■ 17.5470, -11.9660,

-3.4060

■ 0.0000, 0.0000,
0.0000

■ 186.6610,
-12.2870, -3.0950

■ 186.6610,
-12.2870, -3.0950

■ 178.9200,
-23.3820, -5.7660

■ 194.1030, -1.7880,
-0.6360

■ 172.0650,
-34.1560, -8.7480

■ 201.2570, 9.5820,
2.5580

■ 164.3240,
-45.2510, -11.4190

■ 208.6990, 20.0810,
5.0170

■ 156.8820,
-55.7500, -13.8780

■ 216.4400, 31.1760,
7.6880

■ 149.7280,
-67.1200, -17.0720

■ 218.8100, 33.0100,
7.4900

■ 142.2860,
-77.6190, -19.5310

■ 220.5710, 32.1850,
5.9210

■ 135.1320,
-88.9890, -22.7250

■ 221.7450, 31.6350,
4.8750

■ 127.6900,
-99.4880, -25.1840

■ 223.5060, 30.8100,
3.3060

■ 121.4330,
-109.0700, -27.7420

■ 225.2670, 29.9850,
1.7370

Harmonies

Analogous

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



186.2760, -9.7650, -4.7490



186.6610, -12.2870, -3.0950



187.5410, -11.8290, -0.3810

Triad

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



186.6610, -12.2870, -3.0950



189.6140, 4.2630, 5.3430



188.1270, 6.8320, -2.6720

Complementary

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



186.6610, -12.2870, -3.0950



181.3390, 12.2870, 3.0950

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.



188.8610, 10.6370, -0.0430



186.6610, -12.2870, -3.0950



189.8380, 9.4440, 5.0600

Square

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



186.6610, -12.2870, -3.0950



189.2650, -2.0640, 4.3680



189.7410, 11.0950, 2.6710



187.4360, 1.4680, -4.5800

Rectangle

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



186.6610, -12.2870, -3.0950



187.6770, -9.2160, 1.8240



189.7410, 11.0950, 2.6710



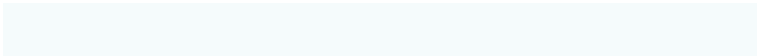
188.4370, 8.8950, -1.5130

Sweetspot

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



186.6610, -12.2870, -3.0950



249.3200, -3.8970, -0.9610



186.2560, -7.0130, -10.5730



125.6190, -3.3010, -0.7490



0.0000, 0.0000, 0.0000



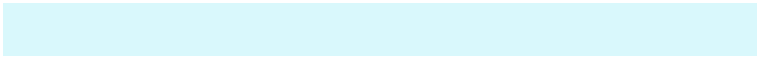
128.0000, -0.0000, -0.0000

Same Dimension

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



186.6610, -12.2870, -3.0950



239.1870, -19.7600, -5.3280



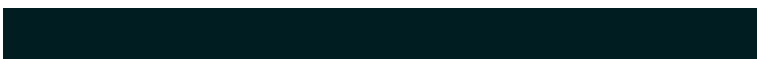
180.2040, -9.2620, 2.6580



93.4230, -5.6850, -1.5970



99.9470, -89.9060, -22.6260



20.7850, -18.5680, -4.9040

Inverse Universe

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



181.7440, 7.0130, 10.5730



230.9990, 10.9090, 17.0610



187.7960, 9.2620, -2.6580



91.0160, 3.0710, 4.9190



63.9850, 51.3370, 77.3610



13.1730, 10.3590, 16.0150

Previews

White Background



This preview shows how the YIQ color 186.6610, -12.2870, -3.0950 looks on a white background.

Color Contrast Check

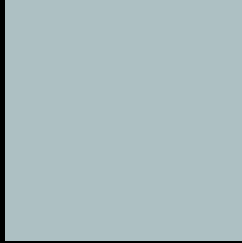
Large Text (above 18pt) WCAG AA × Fail

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 186.6610, -12.2870, -3.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

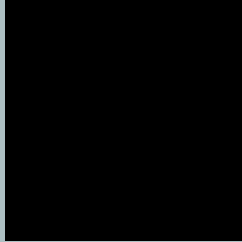
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

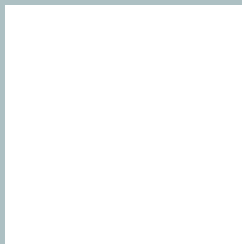
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 186.6610, -12.2870, -3.0950

Background



This preview shows how black text looks on a background with the YIQ color 186.6610, -12.2870, -3.0950.



This preview shows how white text looks on a background with the YIQ color 186.6610, -12.2870, -3.0950.

-3.0950.

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

186.6610, -12.2870, -3.0950

Protanopia

188.4670, 0.1830, 2.1910

Deuteranopia

190.2770, 6.8300, 8.3820



Tritanopia

187.2250, -13.7550, 1.4850

Trichromacy



Original Color

186.6610, -12.2870, -3.0950

Protanomaly

187.9610, -4.2640, 0.1840

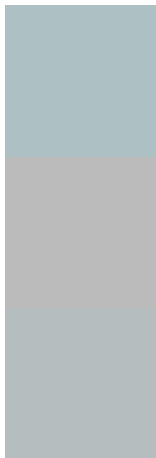
Deuteranomaly

188.6350, -0.2300, 4.1700

Tritanomaly

187.0570, -13.3420, -0.4940

Monochromacy



Original Color

186.6610, -12.2870, -3.0950

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.6610, -12.2870, -3.0950 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(173, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(173, 192, 195)  
}
```

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(173, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 192, 195) }
```

Border

The CSS property to change the border of an element to YIQ 186.6610, -12.2870, -3.0950 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(173, 192, 195) }
```


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

```
.border{ border-color:rgb(173, 192, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(173, 192,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 186.6610, -12.2870, -3.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 192, 195) }
```

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

```
.background{ background-color: rgb(173,  
192, 195) }
```

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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