

Converting Colors

YIQ(186.1310, 1.0090, -1.7670)

Have a look what the booklet for
YIQ(186.1310, 1.0090, -1.7670)
contains.

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Color

**YIQ(186.1310, 1.0090,
-1.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	BABBB6
RGB	186, 187, 182
RGB Percent	73%, 73%, 71%
CMY	0.2706, 0.2666, 0.2863
CMYK	0.01, 0.00, 0.03, 0.27
HSL	72°, 4%, 72%
HSV	72°, 3%, 73%
XYZ	46.4635, 49.3572, 51.3351
YIQ	186.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

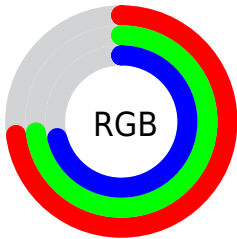
Format	Color
RYB	182, 187, 183
Decimal	12237750
CIELab	75.67, -1.26, 2.40
CIELCh	76, 2.709, 117.837
Yxy	49.3572, 0.3157, 0.3354
Android (android.graphics.Color)	4290427830 (0xFFBABBB6)
YUV	186.1310, -2.0366, -0.1149
Hunter-Lab	70.2547, -4.8934, 5.8551

Details

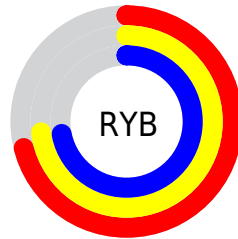
The YIQ color $186.1310, 1.0090, -1.7670$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $182.8690, -1.0090, 1.7670$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.1310, 1.0090, -1.7670$, and $133.1310, 1.0090, -1.7670$ is the 20% darker color. If you saturate the color by 10%, you get $182.7690, 4.7240, -8.5240$, and if you desaturate by 10%, it is $189.4930, -2.7060, 4.9900$.

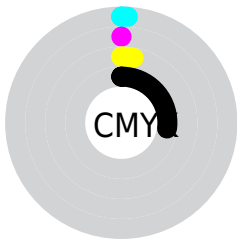
Distribution



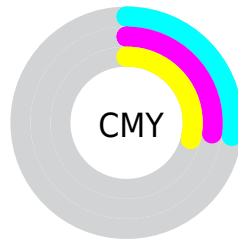
- Red (73%)
- Green (73%)
- Blue (71%)



- Red (71%)
- Yellow (73%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.1310, 1.0090, -1.7670 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 186.1310, 1.0090, -1.7670 by changing the saturation by 10% instead.

■ 186.1310, 1.0090,
-1.7670

■ 186.1310, 1.0090,
-1.7670

255.0000, -0.0000,
-0.0000

■ 159.1310, 1.0090,
-1.7670

■ 242.1310, 1.0090,
-1.7670

■ 133.1310, 1.0090,
-1.7670

■ 108.1310, 1.0090,
-1.7670

■ 83.2450, 0.6880,
-1.4560

■ 60.2450, 0.6880,
-1.4560

■ 39.2450, 0.6880,
-1.4560

■ 18.1310, 1.0090,

-1.7670

■ 0.0000, 0.0000,
0.0000

■ 186.1310, 1.0090,
-1.7670

■ 186.1310, 1.0090,
-1.7670

■ 182.7690, 4.7240,
-8.5240

■ 189.4930, -2.7060,
4.9900

■ 179.5210, 8.1180,
-14.9700

■ 192.7410, -6.1000,
11.4360

■ 176.4580, 12.4290,
-21.5150

■ 195.8040,
-10.4110, 17.9810

■ 173.0960, 16.1440,
-28.2720

■ 198.9380,
-13.4840, 24.1160

■ 169.8480, 19.5380,
-34.7180

■ 200.1340,
-11.1000, 24.9640

■ 166.4860, 23.2530,
-41.4750

■ 201.3300, -8.7160,
25.8120

■ 163.4230, 27.5640,
-48.0200

■ 202.2270, -6.9280,
26.4480

■ 160.0610, 31.2790,
-54.7770

■ 203.4230, -4.5440,
27.2960

■ 156.8130, 34.6730,
-61.2230

■ 204.6190, -2.1600,
28.1440

Harmonies

Analogous

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



186.3270, 3.3930, -0.9190



186.1310, 1.0090, -1.7670



186.0490, -1.6960, -2.3040

Triad

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



186.1310, 1.0090, -1.7670



185.9610, -4.2640, 0.1840



187.3210, 3.5300, 2.1060

Complementary

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



186.1310, 1.0090, -1.7670



182.8690, -1.0090, 1.7670

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.



186.9510, 1.6960, 2.3040



186.1310, 1.0090, -1.7670



186.5590, -3.0720, 0.6080

Square

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



186.1310, 1.0090, -1.7670



186.0210, -4.4930, -1.1730



186.8690, -1.0090, 1.7670



186.9790, 4.4930, 1.1730

Rectangle

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



186.1310, 1.0090, -1.7670



185.8640, -2.6130, -2.2050



186.8690, -1.0090, 1.7670



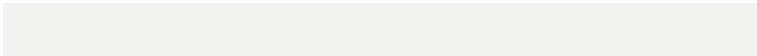
187.1360, 2.6130, 2.2050

Sweetspot

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



186.1310, 1.0090, -1.7670



241.7720, 0.6420, -0.6220



184.0820, 2.7050, 0.5370



121.8860, 0.3210, -0.3110



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



186.1310, 1.0090, -1.7670



240.9030, 1.6510, -2.3890



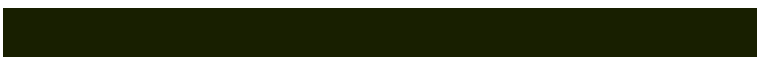
185.5330, -0.1830, -2.1910



93.6580, 0.9630, -0.9330



130.4200, 31.6460, -55.9220



25.3730, 5.7790, -11.1250

Inverse Universe

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



182.8690, -1.0090, 1.7670



236.0970, -1.6510, 2.3890



183.7660, 0.7790, 2.4030



91.3420, -0.9630, 0.9330



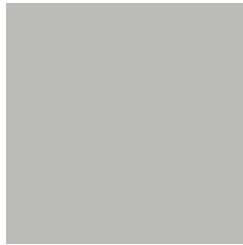
27.5800, -31.6460, 55.9220



5.3280, -6.3750, 10.9130

Previews

White Background



This preview shows how the YIQ color 186.1310, 1.0090, -1.7670 looks on a white background.

Color Contrast Check

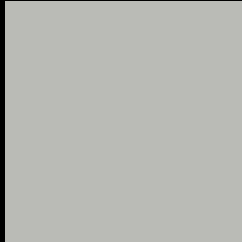
Large Text (above 18pt) WCAG AA × Fail

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 186.1310, 1.0090, -1.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

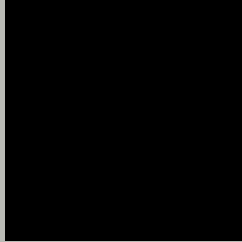
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.1310, 1.0090, -1.7670

Background



This preview shows how black text looks on a background with the YIQ color 186.1310, 1.0090, -1.7670.



This preview shows how white text looks on a background with the YIQ color 186.1310, 1.0090,

-1.7670.

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

186.1310, 1.0090, -1.7670

Protanopia

186.9250, 4.5850, -0.4950

Deuteranopia

187.8170, 13.9370, 6.2330



Tritanopia

187.2050, -1.8350, 5.7250

Trichromacy



Original Color

186.1310, 1.0090, -1.7670

Protanomaly

186.3270, 3.3930, -0.9190

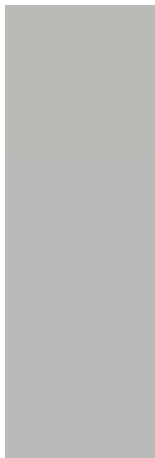
Deuteranomaly

187.4850, 8.9400, 3.1800

Tritanomaly

186.8090, -0.7800, 3.1240

Monochromacy



Original Color

186.1310, 1.0090, -1.7670

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.8860, 0.3210, -0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.1310, 1.0090, -1.7670 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(186, 187, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 182)  
}
```

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(186, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 182) }
```

Border

The CSS property to change the border of an element to YIQ 186.1310, 1.0090, -1.7670 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(186, 187, 182) }
```


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

```
.border{ border-color:rgb(186, 187, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 186.1310, 1.0090, -1.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 182) }
```

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

```
.background{ background-color: rgb(186,  
187, 182) }
```

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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