

Converting Colors

YIQ(187.4680, 24.8050, -3.5070)

Have a look what the booklet for
YIQ(187.4680, 24.8050, -3.5070)
contains.

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Color

**YIQ(187.4680, 24.8050,
-3.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B79A
RGB	209, 183, 154
RGB Percent	82%, 72%, 60%
CMY	0.1803, 0.2824, 0.3960
CMYK	0.00, 0.12, 0.26, 0.18
HSL	32°, 37%, 71%
HSV	32°, 26%, 82%
XYZ	49.0642, 49.7535, 37.6027
YIQ	187.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

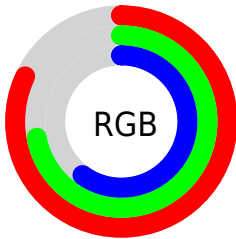
Format	Color
RYB	203, 209, 154
Decimal	13744026
CIELab	75.92, 4.90, 18.16
CIELCh	76, 18.808, 74.911
Yxy	49.7535, 0.3597, 0.3647
Android (android.graphics.Color)	4291934106 (0xFFD1B79A)
YUV	187.4680, -16.4997, 18.8836
Hunter-Lab	70.5362, 0.7244, 17.7679

Details

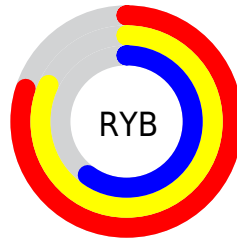
The YIQ color **187.4680, 24.8050, -3.5070** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175.5320, -24.8050, 3.5070**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2500, 19.4870, -6.2490**, and **134.0980, 22.9710, -3.3090** is the 20% darker color. If you saturate the color by 10%, you get **179.2040, 34.2960, -4.8080**, and if you desaturate by 10%, it is **195.7320, 15.3140, -2.2060**.

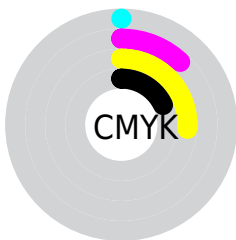
Distribution



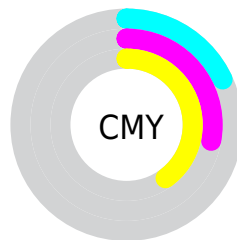
- Red (82%)
- Green (72%)
- Blue (60%)



- Red (80%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.4680, 24.8050, -3.5070 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 187.4680, 24.8050, -3.5070 by changing the saturation by 10% instead.


 187.4680, 24.8050,
-3.5070


 187.4680, 24.8050,
-3.5070


255.0000, -0.0000,
-0.0000


 160.2830, 23.8880,
-3.4080


 240.3640, 19.1660,
-5.9380


 134.0980, 22.9710,
-3.3090

 252.9480, 5.7780,
-5.5980

 108.6140, 21.4580,
-3.4220

 84.4290, 20.5410,
-3.3230

 60.9450, 19.0280,
-3.4360

 38.3470, 17.8360,
-3.8600

 18.6610, 14.0760,

-1.7960

■ 0.0000, 0.0000,
0.0000

■ 187.4680, 24.8050,
-3.5070

■ 187.4680, 24.8050,
-3.5070

■ 179.2040, 34.2960,
-4.8080

■ 195.7320, 15.3140,
-2.2060

■ 170.9400, 43.7870,
-6.1090

■ 203.9960, 5.8230,
-0.9050

■ 162.6760, 53.2780,
-7.4100

■ 212.2600, -3.6680,
0.3960

■ 154.4120, 62.7690,
-8.7110

■ 220.5240,
-13.1590, 1.6970

■ 146.8490, 71.6640,
-10.2240

■ 227.7450,
-21.0910, 2.2770

■ 138.5850, 81.1550,
-11.5250

■ 233.6150,
-23.8410, -2.9530

■ 130.3210, 90.6460,
-12.8260

■ 239.4850,
-26.5910, -8.1830

■ 127.0610, 94.3140,
-13.2220

■ 241.2460,
-27.4160, -9.7520

Harmonies

Analogous

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



189.1470, 30.4430, 4.4510



187.4680, 24.8050, -3.5070



185.9070, 13.0230, -10.2490

Triad

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



187.4680, 24.8050, -3.5070



180.3270, -32.1380, -12.2820



189.9270, 2.2440, 14.4040

Complementary

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



187.4680, 24.8050, -3.5070



175.5320, -24.8050, 3.5070

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.



187.7830, -15.0860, 9.0900



187.4680, 24.8050, -3.5070



181.2760, -36.1280, -6.0480

Square

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



187.4680, 24.8050, -3.5070



181.6780, -20.1250, -15.2370



184.1400, -29.5730, 1.8110



190.6530, 17.6950, 15.2230

Rectangle

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



187.4680, 24.8050, -3.5070



183.9380, 2.5700, -13.5420



184.1400, -29.5730, 1.8110



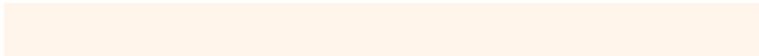
189.4640, -3.7620, 13.1180

Sweetspot

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



187.4680, 24.8050, -3.5070



246.8500, 9.1700, -0.9900



173.5230, 24.1130, 20.0570



122.4090, 6.0980, -0.3820



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.



187.4680, 24.8050, -3.5070



222.7590, 37.0470, -5.1050



202.4310, 17.0590, -17.3170



100.8110, 4.9060, -0.8060



102.4750, 75.6530, -10.9310



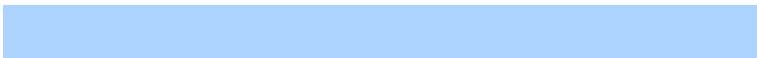
24.5860, 18.6610, -2.2910

Inverse Universe

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



175.5320, -24.8050, 3.5070



205.2410, -37.0470, 5.1050



160.5690, -17.0590, 17.3170



98.1890, -4.9060, 0.8060



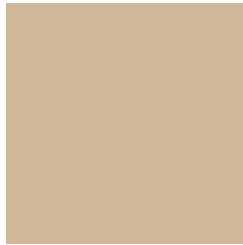
66.1120, -75.9280, 10.4080



15.8270, -18.3860, 2.8140

Previews

White Background



This preview shows how the YIQ color 187.4680, 24.8050, -3.5070 looks on a white background.

Color Contrast Check

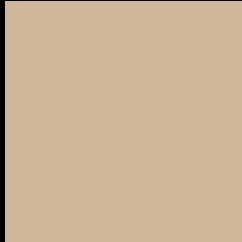
Large Text (above 18pt) WCAG AA × Fail

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 187.4680, 24.8050, -3.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

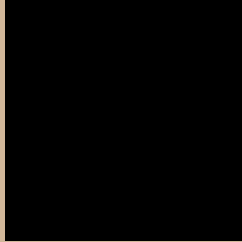
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.4680, 24.8050, -3.5070

Background



This preview shows how black text looks on a background with the YIQ color 187.4680, 24.8050, -3.5070.



This preview shows how white text looks on a background with the YIQ color 187.4680, 24.8050, -3.5070.

-3.5070.

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

187.4680, 24.8050, -3.5070

Protanopia

186.7550, 16.5070, -7.3090

Deuteranopia

188.2130, 30.0770, 0.0690



Tritanopia

190.0610, 16.3660, 11.7740

Trichromacy



Original Color

187.4680, 24.8050, -3.5070

Protanomaly

187.2500, 19.4870, -6.2490

Deuteranomaly

187.9030, 28.0140, -1.0900

Tritanomaly

189.3400, 19.7140, 6.1620

Monochromacy



Original Color

187.4680, 24.8050, -3.5070

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.4370, 8.8950, -1.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4680, 24.8050, -3.5070 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(209, 183, 154)` looks like.

```
.text, #text, p{  
    color:rgb(209, 183, 154)  
}
```

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(209, 183, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 183, 154) }
```

Border

The CSS property to change the border of an element to YIQ 187.4680, 24.8050, -3.5070 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(209, 183, 154) }
```


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

```
.border{ border-color:rgb(209, 183, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 183, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 183, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 183, 154);  
box-shadow:4px 4px 4px 4px rgb(209, 183,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4680, 24.8050, -3.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 183, 154) }
```

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

```
.background{ background-color: rgb(209,  
183, 154) }
```

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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