

Converting Colors

YIQ(180.3880, 26.6450,
-36.8670)

Have a look what the booklet for
YIQ(180.3880, 26.6450, -36.8670)
contains.

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Color

**YIQ(180.3880, 26.6450,
-36.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C558
RGB	183, 197, 88
RGB Percent	72%, 77%, 35%
CMY	0.2825, 0.2274, 0.6547
CMYK	0.07, 0.00, 0.55, 0.23
HSL	68°, 48%, 56%
HSV	68°, 55%, 77%
XYZ	41.2533, 50.7045, 16.8557
YIQ	180.3880, 26.6450, -36.8670

Conversions

Conversions Part 2

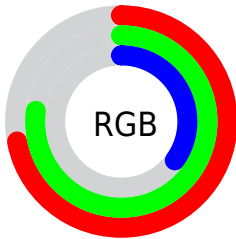
Format	Color
R_{YB}	88, 197, 102
Decimal	12043608
CIE _{Lab}	76.50, -20.14, 52.09
CIE _{LCh}	76, 55.850, 111.135
Yxy	50.7045, 0.3791, 0.4660
Android (android.graphics.Color)	4290233688 (0xFFB7C558)
YUV	180.3880, -45.5473, 2.2907
Hunter-Lab	71.2071, -21.1999, 35.8102

Details

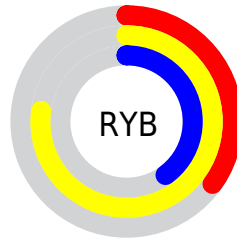
The YIQ color $180.3880, 26.6450, -36.8670$ is a light color, and the websafe version is hex $CCCC66$. The color can be described as light muted chartreuse. A complement of this color would be $104.6120, -26.6450, 36.8670$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.2310, 28.5250, -37.8990$, and $126.2030, 25.7280, -36.7680$ is the 20% darker color. If you saturate the color by 10%, you get $177.2110, 31.2770, -43.7230$, and if you desaturate by 10%, it is $183.5650, 22.0130, -30.0110$.

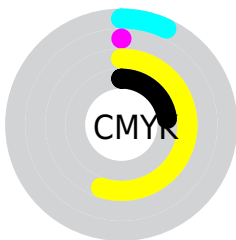
Distribution



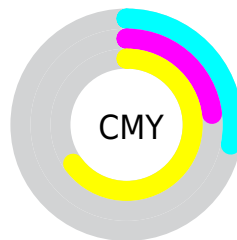
- Red (72%)
- Green (77%)
- Blue (35%)



- Red (35%)
- Yellow (77%)
- Blue (40%)



- Cyan (7%)
- Magenta (0%)
- Yellow (55%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.3880, 26.6450, -36.8670 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 180.3880, 26.6450, -36.8670 by changing the saturation by 10% instead.

180.3880, 26.6450,
-36.8670

180.3880, 26.6450,
-36.8670

255.0000, -0.0000,
-0.0000

153.2030, 25.7280,
-36.7680

237.2310, 28.5250,
-37.8990

126.2030, 25.7280,
-36.7680

245.1960, 27.6060,
-26.7460

99.4650, 27.7460,
-40.3020

248.3880, 18.6180,
-18.0380

77.0160, 19.1250,
-32.7390

251.5800, 9.6300,
-9.3300

55.1540, 10.2290,
-25.6990

254.8860, 0.3210,
-0.3110

34.4660, 0.7830,
-19.7050

16.4360, -7.7000,

-14.6440

■ 0.0000, 0.0000,
0.0000

■ 180.3880, 26.6450,
-36.8670

■ 180.3880, 26.6450,
-36.8670

■ 177.2110, 31.2770,
-43.7230

■ 183.5650, 22.0130,
-30.0110

■ 174.4470, 36.1840,
-50.0560

■ 186.3290, 17.1060,
-23.6780

■ 171.2700, 40.8160,
-56.9120

■ 189.5060, 12.4740,
-16.8220

■ 168.3920, 46.0440,
-63.5560

■ 192.3840, 7.2460,
-10.1780

■ 167.0670, 48.3370,
-66.5670

■ 195.5610, 2.6140,
-3.3220

■ 198.3250, -2.2930,
3.0110

■ 201.5020, -6.9250,
9.8670

■ 204.3800,
-12.1530, 16.5110

■ 206.3030,
-13.2540, 19.9460

Harmonies

Analogous

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



185.1910, 61.5330, -19.3550



180.3880, 26.6450, -36.8670



172.3680, -23.3290, -45.2890

Triad

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



180.3880, 26.6450, -36.8670



152.3400, -139.6050, -30.5250



185.4310, 45.7040, 41.7680

Complementary

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



180.3880, 26.6450, -36.8670



104.6120, -26.6450, 36.8670

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.



194.6250, 16.0390, 45.2470



180.3880, 26.6450, -36.8670



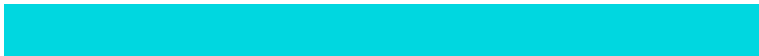
154.5540, -119.2960, -18.6240

Square

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



180.3880, 26.6450, -36.8670



151.7410, -131.0290, -42.7810



185.2500, -32.0980, 20.0460



180.0900, 62.1210, 25.0730

Rectangle

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



180.3880, 26.6450, -36.8670



161.1250, -71.0570, -50.3610



185.2500, -32.0980, 20.0460



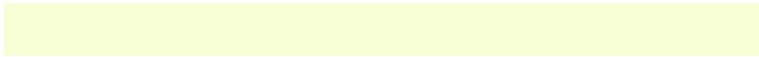
189.7170, 39.1470, 44.9630

Sweetspot

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



180.3880, 26.6450, -36.8670



248.3040, 10.2270, -14.6450



128.2220, 61.3890, 16.3090



123.8400, 5.9620, -8.9340



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.



180.3880, 26.6450, -36.8670



229.2700, 40.8160, -56.9120



164.5410, -4.9430, -48.1030



97.6750, 2.2930, -3.0110



138.1390, 39.8070, -55.1450



30.4010, 8.5760, -12.2560

Inverse Universe

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



104.6120, -26.6450, 36.8670



112.4310, -41.4120, 56.7000



120.4590, 4.9430, 48.1030



91.3250, -2.2930, 3.0110



24.8610, -39.8070, 55.1450



5.5990, -8.5760, 12.2560

Previews

White Background



This preview shows how the YIQ color 180.3880, 26.6450, -36.8670 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 180.3880, 26.6450, -36.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

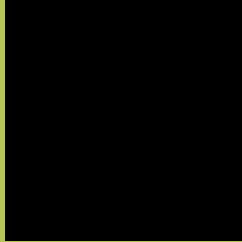
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.3880, 26.6450, -36.8670

Background



This preview shows how black text looks on a background with the YIQ color 180.3880, 26.6450, -36.8670.



This preview shows how white text looks on a background with the YIQ color 180.3880, 26.6450,

-36.8670.

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

180.3880, 26.6450, -36.8670

Protanopia

183.1240, 45.3040, -28.1040

Deuteranopia

185.0430, 59.1940, -15.5100



Tritanopia

189.7000, 1.1450, 6.7850

Trichromacy



Original Color

180.3880, 26.6450, -36.8670

Protanomaly

182.3080, 38.7940, -31.2700

Deuteranomaly

183.5420, 47.1830, -23.6090

Tritanomaly

186.1780, 10.8220, -8.9060

Monochromacy



Original Color

180.3880, 26.6450, -36.8670

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0590, 9.5390, -13.1890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3880, 26.6450, -36.8670 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(183, 197, 88)` looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 88)  
}
```

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(183, 197, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 88) }
```

Border

The CSS property to change the border of an element to YIQ 180.3880, 26.6450, -36.8670 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(183, 197, 88) }
```


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

```
.border{ border-color:rgb(183, 197, 88) }
```

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

Here you see how a box with a 4 pixel rgb(183, 197, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 197, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 197, 88);  
box-shadow:4px 4px 4px 4px rgb(183, 197,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3880, 26.6450, -36.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 197, 88) }
```

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

```
.background{ background-color: rgb(183,  
197, 88) }
```

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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