

Converting Colors

YIQ(185.8100, 22.7010,
-31.4670)

Have a look what the booklet for
YIQ(185.8100, 22.7010, -31.4670)
contains.

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Color

**YIQ(185.8100, 22.7010,
-31.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC86B
RGB	188, 200, 107
RGB Percent	74%, 78%, 42%
CMY	0.2628, 0.2156, 0.5802
CMYK	0.06, 0.00, 0.46, 0.22
HSL	68°, 46%, 60%
HSV	68°, 46%, 78%
XYZ	44.0450, 53.0617, 21.8418
YIQ	185.8100, 22.7010, -31.4670

Conversions

Conversions Part 2

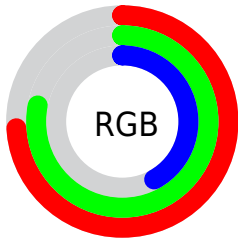
Format	Color
RYB	107, 200, 119
Decimal	12372075
CIELab	77.91, -17.87, 44.84
CIElCh	78, 48.268, 111.728
Yxy	53.0617, 0.3703, 0.4461
Android (android.graphics.Color)	4290562155 (0xFFBCC86B)
YUV	185.8100, -38.8533, 1.9206
Hunter-Lab	72.8435, -19.5456, 33.2126

Details

The YIQ color **185.8100, 22.7010, -31.4670** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **121.1900, -22.7010, 31.4670**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.4790, 25.1310, -31.4530**, and **131.8530, 21.1420, -30.7460** is the 20% darker color. If you saturate the color by 10%, you get **182.6330, 27.3330, -38.3230**, and if you desaturate by 10%, it is **188.9870, 18.0690, -24.6110**.

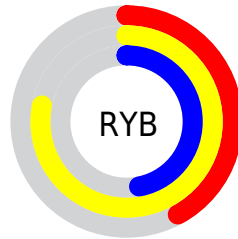
Distribution



Red (74%)

Green (78%)

Blue (42%)



Red (42%)

Yellow (78%)

Blue (47%)

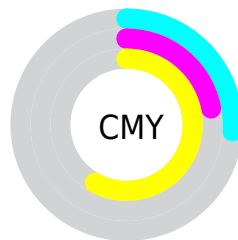


Cyan (6%)

Magenta (0%)

Yellow (46%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.8100, 22.7010, -31.4670 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 185.8100, 22.7010, -31.4670 by changing the saturation by 10% instead.

■ 185.8100, 22.7010,
-31.4670

■ 185.8100, 22.7010,
-31.4670

255.0000, -0.0000,
-0.0000

■ 158.6250, 21.7840,
-31.3680

■ 241.4790, 25.1310,
-31.4530

■ 131.8530, 21.1420,
-30.7460

■ 247.3620, 21.5070,
-20.8370

■ 105.5540, 20.5460,
-30.9580

■ 250.5540, 12.5190,
-12.1290

■ 80.5710, 21.8760,
-33.0360

■ 253.8600, 3.2100,
-3.1100

■ 59.0080, 13.5760,
-25.7840

■ 38.6190, 4.7260,
-19.5780

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 185.8100, 22.7010,
-31.4670

■ 185.8100, 22.7010,
-31.4670

■ 182.6330, 27.3330,
-38.3230

■ 188.9870, 18.0690,
-24.6110

■ 179.7550, 32.5610,
-44.9670

■ 191.8650, 12.8410,
-17.9670

■ 176.5780, 37.1930,
-51.8230

■ 195.0420, 8.2090,
-11.1110

■ 173.7000, 42.4210,
-58.4670

■ 197.9200, 2.9810,
-4.4670

■ 170.5230, 47.0530,
-65.3230

■ 201.0970, -1.6510,
2.3890

■ 169.4260, 48.7040,
-67.7120

■ 204.2740, -6.2830,
9.2450

■ 207.1520,
-11.5110, 15.8890

■ 208.9610,
-12.2910, 19.0130

■ 209.5590,
-11.0990, 19.4370

Harmonies

Analogous

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



190.2920, 54.0590, -16.0610



185.8100, 22.7010, -31.4670



179.3240, -20.0290, -39.0130

Triad

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



185.8100, 22.7010, -31.4670



152.9270, -139.8800, -31.0480



192.5890, 42.0830, 35.8030

Complementary

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



185.8100, 22.7010, -31.4670



121.1900, -22.7010, 31.4670

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.



198.4520, 14.8480, 39.2960



185.8100, 22.7010, -31.4670



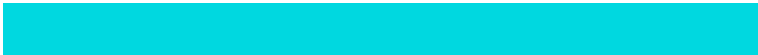
174.8640, -81.7020, -6.1020

Square

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



185.8100, 22.7010, -31.4670



152.3280, -131.3040, -43.3040



191.4740, -26.9170, 19.7630



187.4590, 56.5280, 21.8080

Rectangle

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



185.8100, 22.7010, -31.4670



172.0070, -55.7450, -41.5130



191.4740, -26.9170, 19.7630



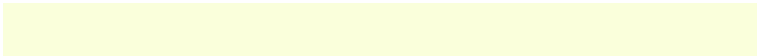
195.4730, 36.7180, 39.4220

Sweetspot

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



185.8100, 22.7010, -31.4670



249.4010, 8.5760, -12.2560



141.2640, 52.4030, 13.9630



124.5950, 5.2740, -7.4780



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.



185.8100, 22.7010, -31.4670



233.3160, 35.1750, -48.2890



172.3550, -4.1190, -41.0070



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.



121.1900, -22.7010, 31.4670



133.9830, -34.5790, 48.5010



134.6450, 4.1190, 41.0070



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 185.8100, 22.7010, -31.4670 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 185.8100, 22.7010, -31.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

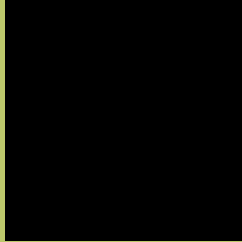
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.8100, 22.7010, -31.4670

Background



This preview shows how black text looks on a background with the YIQ color 185.8100, 22.7010, -31.4670.



This preview shows how white text looks on a background with the YIQ color 185.8100, 22.7010,

-31.4670.

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

185.8100, 22.7010, -31.4670

Protanopia

188.5350, 39.8930, -23.6510

Deuteranopia

190.6280, 53.2330, -12.1030



Tritanopia

193.7000, 1.1450, 6.7850

Trichromacy



Original Color

185.8100, 22.7010, -31.4670

Protanomaly

187.7190, 33.3830, -26.8170

Deuteranomaly

188.9530, 41.7720, -19.1560

Tritanomaly

190.8620, 8.8960, -7.0400

Monochromacy



Original Color

185.8100, 22.7010, -31.4670

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.9280, 8.5300, -11.4220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.8100, 22.7010, -31.4670 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(188, 200, 107)` looks like.

```
.text, #text, p{  
    color:rgb(188, 200, 107)  
}
```

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(188, 200, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 200, 107) }
```

Border

The CSS property to change the border of an element to YIQ 185.8100, 22.7010, -31.4670 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(188, 200, 107) }
```


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

```
.border{ border-color:rgb(188, 200, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 200, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 200, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 200, 107);  
box-shadow:4px 4px 4px 4px rgb(188, 200,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 185.8100, 22.7010, -31.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 200, 107) }
```

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

```
.background{ background-color: rgb(188,  
200, 107) }
```

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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