

Converting Colors

YIQ(186.8220, -1.6540, 18.9700)

Have a look what the booklet for
YIQ(186.8220, -1.6540, 18.9700)
contains.

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Color

**YIQ(186.8220, -1.6540,
18.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AFDD
RGB	197, 175, 221
RGB Percent	77%, 69%, 87%
CMY	0.2274, 0.3137, 0.1334
CMYK	0.11, 0.21, 0.00, 0.13
HSL	269°, 40%, 78%
HSV	269°, 21%, 87%
XYZ	51.4093, 47.7494, 74.9061
YIQ	186.8220, -1.6540, 18.9700

Conversions

Conversions Part 2

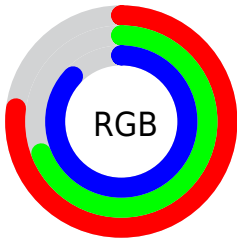
Format	Color
RYB	197, 175, 221
Decimal	12955613
CIELab	74.67, 16.58, -20.23
CIELCh	75, 26.160, 309.332
Yxy	47.7494, 0.2953, 0.2743
Android (android.graphics.Color)	4291145693 (0xFFC5AFDD)
YUV	186.8220, 16.8498, 8.9261
Hunter-Lab	69.1009, 11.8727, -15.9003

Details

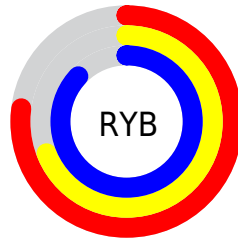
The YIQ color $186.8220, -1.6540, 18.9700$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $209.1780, 1.6540, -18.9700$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.6130, 6.0040, 12.3400$, and $133.2950, -1.6080, 18.1360$ is the 20% darker color. If you saturate the color by 10%, you get $170.6190, -2.1600, 28.1440$, and if you desaturate by 10%, it is $203.3240, -0.5520, 10.0080$.

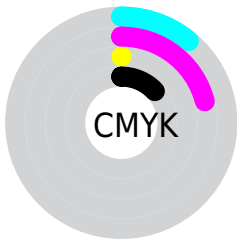
Distribution



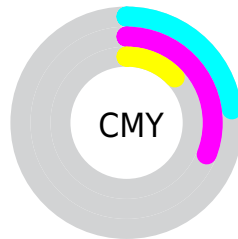
- Red (77%)
- Green (69%)
- Blue (87%)



- Red (77%)
- Yellow (69%)
- Blue (87%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.8220, -1.6540, 18.9700 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 186.8220, -1.6540, 18.9700 by changing the saturation by 10% instead.

■ 186.8220, -1.6540,
18.9700

■ 186.8220, -1.6540,
18.9700

255.0000, -0.0000,
-0.0000

■ 159.7080, -1.3330,
18.6590

■ 240.6130, 6.0040,
12.3400

■ 133.2950, -1.6080,
18.1360

■ 108.3550, -1.8370,
16.7790

■ 83.9420, -2.1120,
16.2560

■ 60.4150, -2.0660,
15.4220

■ 38.0020, -2.3410,
14.8990

■ 16.1870, -1.4240,

14.8000

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 186.8220, -1.6540,
18.9700

■ 186.8220, -1.6540,
18.9700

■ 170.6190, -2.1600,
28.1440

■ 203.3240, -0.5520,
10.0080

■ 154.1170, -3.2620,
37.1060

■ 219.5270, -0.0460,
0.8340

■ 137.6150, -4.3640,
46.0680

■ 236.0290, 1.0560,
-8.1280

■ 121.4120, -4.8700,
55.2420

■ 247.5360, 3.7620,
-13.1180

■ 104.9100, -5.9720,
64.2040

■ 251.1240, 10.9140,
-10.5740

■ 88.1200, -6.2030,
73.9010

■ 71.6180, -7.3050,
82.8630

■ 56.8880, -7.7650,
91.2030

Harmonies

Analogous

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



183.0900, -26.1360, 11.1120



186.8220, -1.6540, 18.9700



187.6090, 20.9950, 21.4990

Triad

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



186.8220, -1.6540, 18.9700



184.3290, 35.4420, -3.5500



172.9940, -44.5620, -18.4020

Complementary

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



186.8220, -1.6540, 18.9700



209.1780, 1.6540, -18.9700

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.



175.8360, -23.7460, -21.2020



186.8220, -1.6540, 18.9700



182.1050, 21.0930, -13.3310

Square

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



186.8220, -1.6540, 18.9700



186.1160, 40.8960, 7.7440



178.6940, 0.1410, -19.0830



173.4200, -54.3290, -12.0970

Rectangle

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



186.8220, -1.6540, 18.9700



187.3020, 32.0450, 19.4770



178.6940, 0.1410, -19.0830



173.4630, -38.6930, -20.1410

Sweetspot

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



186.8220, -1.6540, 18.9700



243.8030, -0.6430, 6.1490



194.9190, -21.6410, 1.2310



121.2220, -0.5050, 3.6470



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.



186.8220, -1.6540, 18.9700



207.5650, -2.0680, 26.4760



193.4000, 11.4580, 23.6340



101.7490, -0.5510, 4.4810



44.5390, -6.0650, 71.3990



11.8220, -1.6540, 18.9700

Inverse Universe

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



191.4900, 19.7120, 17.2160



213.8980, 27.5510, 23.8310



202.6000, -11.4580, -23.6340



102.8590, 4.9510, 3.8870



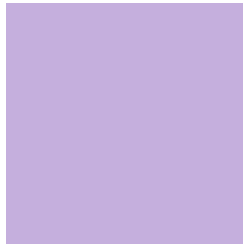
61.9870, 74.2180, 64.6660



16.4900, 19.7120, 17.2160

Previews

White Background



This preview shows how the YIQ color 186.8220, -1.6540, 18.9700 looks on a white background.

Color Contrast Check

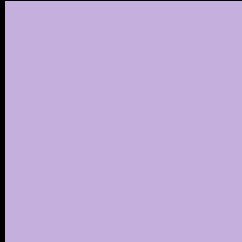
Large Text (above 18pt) WCAG AA × Fail

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 186.8220, -1.6540, 18.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

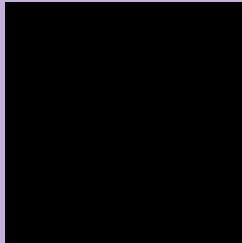
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.8220, -1.6540, 18.9700

Background



This preview shows how black text looks on a background with the YIQ color 186.8220, -1.6540, 18.9700.



This preview shows how white text looks on a background with the YIQ color 186.8220, -1.6540,

18.9700.

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

186.8220, -1.6540, 18.9700

Protanopia

184.6240, -18.8920, 11.9880

Deuteranopia

185.7560, -10.4560, 13.2880



Tritanopia

185.4830, 3.2540, 7.1100

Trichromacy



Original Color

186.8220, -1.6540, 18.9700

Protanomaly

185.0270, -12.6570, 14.6310

Deuteranomaly

186.0770, -6.9260, 15.3940

Tritanomaly

185.7480, 1.1900, 11.4780

Monochromacy



Original Color

186.8220, -1.6540, 18.9700

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.2160, -0.3680, 6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.8220, -1.6540, 18.9700 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(197, 175, 221)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 221)  
}
```

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(197, 175, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 221) }
```

Border

The CSS property to change the border of an element to YIQ 186.8220, -1.6540, 18.9700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

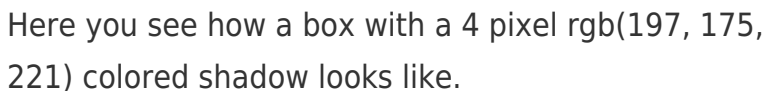
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 175, 221) }
```


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

```
.border{ border-color:rgb(197, 175, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 175, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 175, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 175, 221); box-shadow:4px 4px 4px 4px rgb(197, 175, 221) }
```

Background

The CSS property to change the background color of an element to YIQ 186.8220, -1.6540, 18.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 221) }
```

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

```
.background{ background-color: rgb(197,  
175, 221) }
```

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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