

# Converting Colors

YIQ(186.3620, -11.7420,  
25.5860)

Have a look what the booklet for  
YIQ(186.3620, -11.7420, 25.5860)  
contains.

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# Color

**YIQ(186.3620, -11.7420,  
25.5860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFADF3
RGB	191, 173, 243
RGB Percent	75%, 68%, 95%
CMY	0.2509, 0.3216, 0.0472
CMYK	0.21, 0.29, 0.00, 0.05
HSL	255°, 74%, 82%
HSV	255°, 29%, 95%
XYZ	52.6073, 47.4330, 91.1565
YIQ	186.3620, -11.7420, 25.5860

# Conversions

## Conversions Part 2

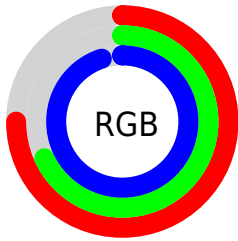
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 173, 243</a>
Decimal	<a href="#">12561907</a>
CIELab	<a href="#">74.47, 20.59, -32.52</a>
CIELCh	<a href="#">74, 38.489, 302.333</a>
Yxy	<a href="#">47.4330, 0.2751, 0.2481</a>
Android (android.graphics.Color)	<a href="#">4290751987 (0xFFBFADF3)</a>
YUV	<a href="#">186.3620, 27.9225, 4.0675</a>
Hunter-Lab	<a href="#">68.8717, 15.8211, -30.2643</a>

# Details

The YIQ color  $186.3620, -11.7420, 25.5860$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $229.6380, 11.7420, -25.5860$ , and the grayscale version is  $186.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $237.0580, 3.2530, 12.6370$ , and  $133.0090, -12.2460, 23.7060$  is the 20% darker color. If you saturate the color by 10%, you get  $166.8920, -15.8700, 34.3220$ , and if you desaturate by 10%, it is  $205.8320, -7.6140, 16.8500$ .

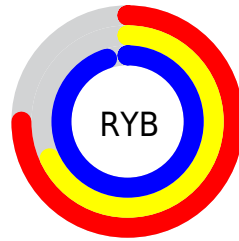
# Distribution



Red (75%)

Green (68%)

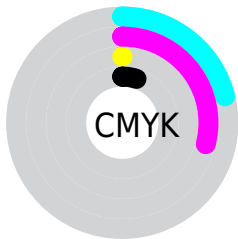
Blue (95%)



Red (75%)

Yellow (68%)

Blue (95%)

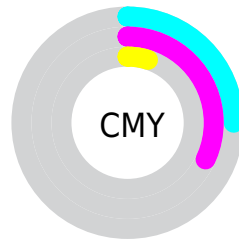


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (32%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 186.3620, -11.7420, 25.5860 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 186.3620, -11.7420, 25.5860 by changing the saturation by 10% instead.



■ 186.3620,  
-11.7420, 25.5860

■ 186.3620,  
-11.7420, 25.5860

■ 255.0000, -0.0000,  
-0.0000

■ 158.8350,  
-11.6960, 24.7520

■ 237.0580, 3.2530,  
12.6370

■ 133.0090,  
-12.2460, 23.7060

■ 107.3680,  
-11.8790, 22.5610

■ 82.8410, -11.8330,  
21.7270

■ 58.9010, -12.0620,  
20.3700

■ 36.3630, -13.4830,  
18.5890

■ 12.6510, -14.3540,

17.8540

■ 5.3920, -12.4270,  
10.4610

■ 2.1830, -4.7690,  
3.8310

■ 186.3620,  
-11.7420, 25.5860

■ 186.3620,  
-11.7420, 25.5860

■ 166.8920,  
-15.8700, 34.3220

■ 205.8320, -7.6140,  
16.8500

■ 146.8350,  
-19.7230, 43.5810

■ 225.8890, -3.7610,  
7.5910

■ 127.3650,  
-23.8510, 52.3170

■ 245.3590, 0.3670,  
-1.1450

■ 107.8950,  
-27.9790, 61.0530

■ 253.6320, 3.8520,  
-3.7320

■ 88.4250, -32.1070,  
69.7890

■ 68.3680, -35.9600,  
79.0480

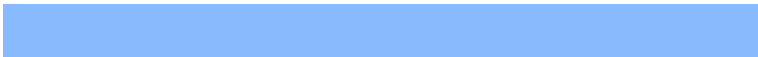
■ 48.8980, -40.0880,  
87.7840

■ 46.5390, -40.4550,  
88.9290

# Harmonies

## Analogous

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



178.9870, -50.7110, 10.4490



186.3620, -11.7420, 25.5860



188.0150, 23.1480, 32.0440

# Triad

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



186.3620, -11.7420, 25.5860



183.5500, 53.8730, -1.6710



162.9860, -68.4470, -31.5750

# Complementary

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



186.3620, -11.7420, 25.5860



229.6380, 11.7420, -25.5860

# 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.



170.8750, -28.6500, -31.4500



186.3620, -11.7420, 25.5860



180.5980, 35.5820, -17.1060

# Square

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



186.3620, -11.7420, 25.5860



184.8410, 58.0880, 15.5600



176.5450, 7.5700, -27.0700



155.3260, -101.4590, -28.0110



# Rectangle

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



186.3620, -11.7420, 25.5860



187.8290, 41.1670, 30.3750



176.5450, 7.5700, -27.0700



166.4020, -55.0590, -31.9150

# Sweetspot

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



186.3620, -11.7420, 25.5860



236.4160, -3.8070, 8.4250



211.5040, -36.7700, -5.4260



115.9060, -2.4310, 5.5130



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.



186.3620, -11.7420, 25.5860



183.0230, -14.8610, 32.5550



196.5280, 8.5220, 32.7940



112.2650, -2.0640, 4.3680



35.5560, -31.0980, 68.0220



11.2110, -9.9990, 21.5290



# Inverse Universe

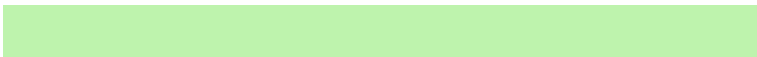
The Inverse Universe completely reimagines the original color for something new.



199.8580, 25.0280, 31.0120



200.1350, 31.8580, 39.3940



219.1730, -9.1180, -33.0060



114.6140, 4.2630, 5.3430



71.3460, 66.5580, 82.3500



22.6570, 21.0400, 26.1920



# Previews

## White Background



This preview shows how the YIQ color 186.3620, -11.7420, 25.5860 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

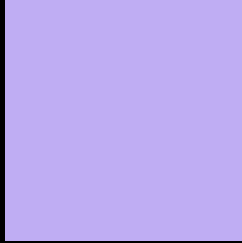
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 186.3620, -11.7420, 25.5860 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 186.3620, -11.7420, 25.5860

## Background



This preview shows how black text looks on a background with the YIQ color 186.3620, -11.7420, 25.5860.



This preview shows how white text looks on a background with the YIQ color 186.3620, -11.7420,

25.5860.

# 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

186.3620, -11.7420, 25.5860

### Protanopia

183.3700, -32.5560, 17.3320

### Deuteranopia

183.6650, -26.1370, 16.6390



## Tritanopia

183.8950, -3.8980, 4.5660

# Trichromacy



## Original Color

186.3620, -11.7420, 25.5860

## Protanomaly

184.3710, -25.1290, 20.3990

## Deuteranomaly

184.4100, -20.8650, 20.2150

## Tritanomaly

184.9690, -6.7420, 12.0580

# Monochromacy



## Original Color

186.3620, -11.7420, 25.5860

## Achromatopsia

186.0000, -0.0000, -0.0000

## Achromatomaly

186.0570, -4.1740, 9.5700

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 186.3620, -11.7420, 25.5860 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(191, 173, 243)` looks like.

```
.text, #text, p{  
    color:rgb(191, 173, 243)  
}
```

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(191, 173, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 173, 243) }
```

## Border

The CSS property to change the border of an element to YIQ 186.3620, -11.7420, 25.5860 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(191, 173, 243) }
```



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

```
.border{ border-color:rgb(191, 173, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 173, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 173, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 173, 243);  
box-shadow:4px 4px 4px 4px rgb(191, 173,  
243) }
```

# Background

The CSS property to change the background color of an element to YIQ 186.3620, -11.7420, 25.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 173, 243) }
```

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

```
.background{ background-color: rgb(191,  
173, 243) }
```

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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