

Converting Colors

YIQ(186.9060, -19.6260,
14.2780)

Have a look what the booklet for
YIQ(186.9060, -19.6260, 14.2780)
contains.

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Color

**YIQ(186.9060, -19.6260,
14.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B7E9
RGB	177, 183, 233
RGB Percent	69%, 72%, 91%
CMY	0.3059, 0.2823, 0.0864
CMYK	0.24, 0.21, 0.00, 0.09
HSL	234°, 56%, 80%
HSV	234°, 24%, 91%
XYZ	49.7702, 49.0972, 83.9221
YIQ	186.9060, -19.6260, 14.2780

Conversions

Conversions Part 2

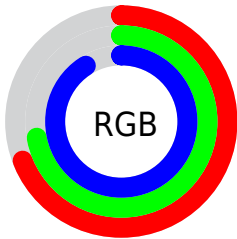
Format	Color
R_{YB}	177, 182, 233
Decimal	11646953
CIE _{Lab}	75.51, 8.56, -25.59
CIE _{LCh}	76, 26.988, 288.494
Yxy	49.0972, 0.2723, 0.2686
Android (android.graphics.Color)	4289837033 (0xFFB1B7E9)
YUV	186.9060, 22.7243, -8.6876
Hunter-Lab	70.0694, 4.1670, -21.9630

Details

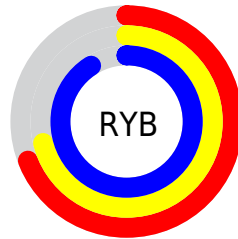
The YIQ color $186.9060, -19.6260, 14.2780$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $223.0940, 19.6260, -14.2780$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.0300, -8.7120, 3.7040$, and $133.2650, -19.2590, 13.1330$ is the 20% darker color. If you saturate the color by 10%, you get $167.7020, -27.5590, 20.3850$, and if you desaturate by 10%, it is $206.1100, -11.6930, 8.1710$.

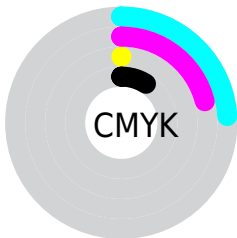
Distribution



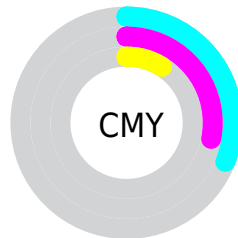
- Red (69%)
- Green (72%)
- Blue (91%)



- Red (69%)
- Yellow (71%)
- Blue (91%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.9060, -19.6260, 14.2780 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 186.9060, -19.6260, 14.2780 by changing the saturation by 10% instead.

■ 186.9060,
-19.6260, 14.2780

■ 186.9060,
-19.6260, 14.2780

■ 255.0000, -0.0000,
-0.0000

■ 159.7920,
-19.3050, 13.9670

■ 239.0300, -8.7120,
3.7040

■ 133.2650,
-19.2590, 13.1330

■ 108.0370,
-18.6170, 12.5110

■ 83.5100, -18.5710,
11.6770

■ 59.6840, -19.1210,
10.6310

■ 37.1460, -20.5420,
8.8500

■ 15.3200, -21.0920,

7.8040

■ 4.7080, -10.5010,
8.5950

■ 0.1140, -0.3210,
0.3110

■ 186.9060,
-19.6260, 14.2780

■ 186.9060,
-19.6260, 14.2780

■ 167.7020,
-27.5590, 20.3850

■ 206.1100,
-11.6930, 8.1710

■ 148.1990,
-36.0880, 26.2800

■ 225.6130, -3.1640,
2.2760

■ 129.5820,
-44.2960, 31.8640

■ 244.2300, 5.0440,
-3.3080

■ 110.3780,
-52.2290, 37.9710

■ 252.4920, 7.0620,
-6.8420

■ 91.1740, -60.1620,
44.0780

■ 71.6710, -68.6910,
49.9730

■ 52.4670, -76.6240,
56.0800

■ 41.2370, -81.6680,
59.3880

Harmonies

Analogous

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



181.2510, -43.0070, 2.9850



186.9060, -19.6260, 14.2780



190.1820, 6.1400, 20.8920

Triad

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



186.9060, -19.6260, 14.2780



187.7200, 41.9510, 5.1430



176.5300, -31.6320, -21.4560

Complementary

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



186.9060, -19.6260, 14.2780



223.0940, 19.6260, -14.2780

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.



180.2200, -7.3320, -21.3160



186.9060, -19.6260, 14.2780



185.6660, 32.8750, -6.5890

Square

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



186.9060, -19.6260, 14.2780



188.9730, 40.1610, 15.5610



183.0010, 15.4540, -15.7620



174.4000, -51.5770, -17.9210

Rectangle

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



186.9060, -19.6260, 14.2780



190.1360, 20.9490, 22.3330



183.0010, 15.4540, -15.7620



178.0100, -24.2960, -22.2480

Sweetspot

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



186.9060, -19.6260, 14.2780



240.2260, -6.3280, 4.5520



215.4580, -31.1290, -14.0490



118.8410, -3.8060, 2.8980



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.



186.9060, -19.6260, 14.2780



194.1320, -25.9540, 18.8300



189.6630, -5.4600, 21.8680



107.8410, -3.8060, 2.8980



31.7870, -63.3260, 46.3540



9.6780, -18.9840, 13.6560

Inverse Universe

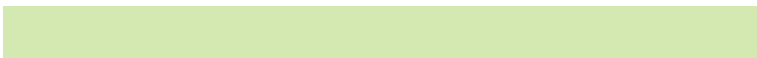
The Inverse Universe completely reimagines the original color for something new.



194.4280, 31.4500, 13.7380



204.0380, 41.5360, 18.1760



220.3370, 5.4600, -21.8680



109.4030, 6.2350, 2.6430



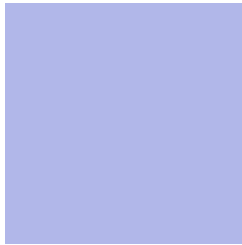
56.2850, 101.7770, 44.2810



16.8300, 30.2580, 13.3140

Previews

White Background



This preview shows how the YIQ color 186.9060, -19.6260, 14.2780 looks on a white background.

Color Contrast Check

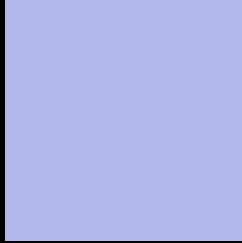
Large Text (above 18pt) WCAG AA × Fail

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 186.9060, -19.6260, 14.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

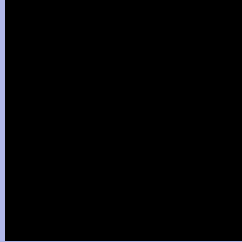
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.9060, -19.6260, 14.2780

Background



This preview shows how black text looks on a background with the YIQ color 186.9060, -19.6260, 14.2780.



This preview shows how white text looks on a background with the YIQ color 186.9060, -19.6260,

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

186.9060, -19.6260, 14.2780

Protanopia

186.7100, -22.0100, 13.4300

Deuteranopia

187.2160, -17.5630, 15.4370



Tritanopia

184.6270, -14.9470, 1.0610

Trichromacy



Original Color

186.9060, -19.6260, 14.2780

Protanomaly

187.0090, -21.4140, 13.6420

Deuteranomaly

186.9170, -18.1590, 15.2250

Tritanomaly

185.3050, -16.7360, 5.9520

Monochromacy



Original Color

186.9060, -19.6260, 14.2780

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.1550, -7.5660, 4.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.9060, -19.6260, 14.2780 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(177, 183, 233)` looks like.

```
.text, #text, p{  
    color:rgb(177, 183, 233)  
}
```

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(177, 183, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 183, 233) }
```

Border

The CSS property to change the border of an element to YIQ 186.9060, -19.6260, 14.2780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

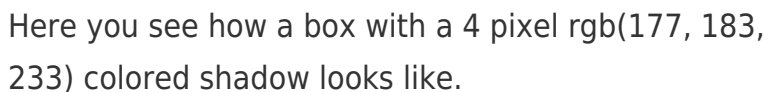
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 183, 233) }
```


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

```
.border{ border-color:rgb(177, 183, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 183, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 183, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 183, 233);  
box-shadow:4px 4px 4px 4px rgb(177, 183,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 186.9060, -19.6260, 14.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 183, 233) }
```

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

```
.background{ background-color: rgb(177,  
183, 233) }
```

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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