

Converting Colors

YIQ(187.4280, -21.2760,
11.1400)

Have a look what the booklet for
YIQ(187.4280, -21.2760, 11.1400)
contains.

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Color

**YIQ(187.4280, -21.2760,
11.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBAE6
RGB	174, 186, 230
RGB Percent	68%, 73%, 90%
CMY	0.3176, 0.2706, 0.0982
CMYK	0.24, 0.19, 0.00, 0.10
HSL	227°, 53%, 79%
HSV	227°, 24%, 90%
XYZ	49.2942, 49.8301, 81.8607
YIQ	187.4280, -21.2760, 11.1400

Conversions

Conversions Part 2

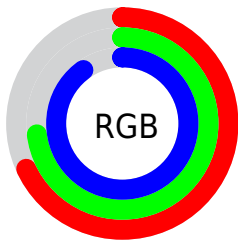
Format	Color
RYB	174, 184, 230
Decimal	11451110
CIELab	75.96, 5.32, -23.30
CIELCh	76, 23.898, 282.859
Yxy	49.8301, 0.2724, 0.2753
Android (android.graphics.Color)	4289641190 (0xFFAEBAE6)
YUV	187.4280, 20.9880, -11.7764
Hunter-Lab	70.5904, 1.1155, -19.3428

Details

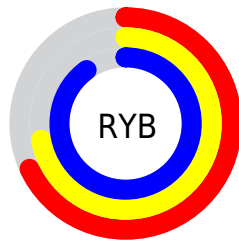
The YIQ color $187.4280, -21.2760, 11.1400$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $216.5720, 21.2760, -11.1400$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.8940, -11.3250, 1.4990$, and $134.0860, -20.3130, 10.2070$ is the 20% darker color. If you saturate the color by 10%, you get $169.9850, -30.0340, 15.6780$, and if you desaturate by 10%, it is $204.8710, -12.5180, 6.6020$.

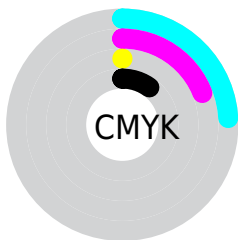
Distribution



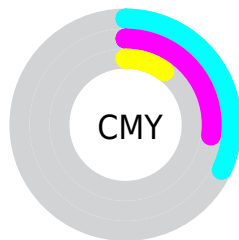
- Red (68%)
- Green (73%)
- Blue (90%)



- Red (68%)
- Yellow (72%)
- Blue (90%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (32%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4280, -21.2760, 11.1400 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 187.4280, -21.2760, 11.1400 by changing the saturation by 10% instead.

■ 187.4280,
-21.2760, 11.1400

■ 187.4280,
-21.2760, 11.1400

■ 255.0000, -0.0000,
-0.0000

■ 160.3140,
-20.9550, 10.8290

■ 239.8940,
-11.3250, 1.4990

■ 134.0860,
-20.3130, 10.2070

■ 108.6730,
-20.5880, 9.6840

■ 84.1460, -20.5420,
8.8500

■ 60.6190, -20.4960,
8.0160

■ 37.4940, -21.6420,
6.7580

■ 16.8530, -21.2750,

5.6130

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 187.4280,
-21.2760, 11.1400

■ 187.4280,
-21.2760, 11.1400

■ 169.9850,
-30.0340, 15.6780

■ 204.8710,
-12.5180, 6.6020

■ 152.5420,
-38.7920, 20.2160

■ 222.3140, -3.7600,
2.0640

■ 135.0990,
-47.5500, 24.7540

■ 239.7570, 4.9980,
-2.4740

■ 117.6560,
-56.3080, 29.2920

■ 252.1500, 8.0250,
-7.7750

■ 100.2130,
-65.0660, 33.8300

■ 82.7700, -73.8240,
38.3680

■ 65.3270, -82.5820,
42.9060

■ 54.9830, -87.3050,
45.9030

Harmonies

Analogous

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



182.7520, -40.1640, 1.0200



187.4280, -21.2760, 11.1400



190.2630, 1.4180, 18.3620

Triad

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



187.4280, -21.2760, 11.1400



189.2080, 37.6410, 6.1610



180.0040, -24.1590, -19.2230

Complementary

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



187.4280, -21.2760, 11.1400



216.5720, 21.2760, -11.1400

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.



182.5520, -2.3350, -18.2630



187.4280, -21.2760, 11.1400



187.7630, 31.2240, -4.2000

Square

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



187.4280, -21.2760, 11.1400



190.9230, 34.4300, 14.7980



185.3650, 17.4250, -12.9350



178.0160, -41.6280, -16.5080

Rectangle

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



187.4280, -21.2760, 11.1400



191.0320, 15.3100, 19.9020



185.3650, 17.4250, -12.9350



180.8970, -16.5480, -19.4920

Sweetspot

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



187.4280, -21.2760, 11.1400



241.4000, -6.8780, 3.5060



211.8880, -29.5240, -15.6040



119.4280, -4.0810, 2.3750



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.



187.4280, -21.2760, 11.1400



198.8280, -28.1540, 14.6460



185.1680, -8.4400, 20.8080



106.1290, -4.6770, 2.1630



42.7120, -67.9090, 35.7950



12.2710, -19.3960, 10.1080

Inverse Universe

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



192.1120, 29.5240, 15.6040



204.9500, 38.9680, 20.6640



218.8320, 8.4400, -20.8080



106.9300, 6.1890, 3.4770



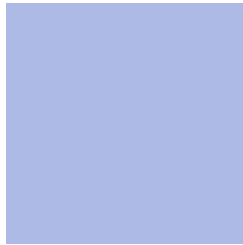
57.8530, 94.4860, 49.7660



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 187.4280, -21.2760, 11.1400 looks on a white background.

Color Contrast Check

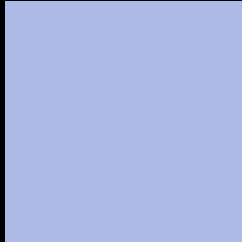
Large Text (above 18pt) WCAG AA × Fail

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 187.4280, -21.2760, 11.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

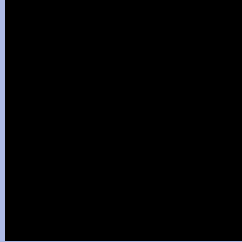
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.4280, -21.2760, 11.1400

Background



This preview shows how black text looks on a background with the YIQ color 187.4280, -21.2760, 11.1400.



This preview shows how white text looks on a background with the YIQ color 187.4280, -21.2760,

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

187.4280, -21.2760, 11.1400

Protanopia

187.6240, -18.8920, 11.9880

Deuteranopia

188.4720, -15.4080, 14.9280



Tritanopia

185.4310, -17.3310, 0.2130

Trichromacy



Original Color

187.4280, -21.2760, 11.1400

Protanomaly

187.3250, -19.4880, 11.7760

Deuteranomaly

188.1620, -17.4710, 13.7690

Tritanomaly

186.4680, -18.7530, 3.9590

Monochromacy



Original Color

187.4280, -21.2760, 11.1400

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.3290, -8.1160, 3.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4280, -21.2760, 11.1400 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(174, 186, 230)` looks like.

```
.text, #text, p{  
    color:rgb(174, 186, 230)  
}
```

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(174, 186, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 186, 230) }
```

Border

The CSS property to change the border of an element to YIQ 187.4280, -21.2760, 11.1400 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(174, 186, 230) }
```


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

```
.border{ border-color:rgb(174, 186, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 186, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 186, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 186, 230);  
box-shadow:4px 4px 4px 4px rgb(174, 186,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4280, -21.2760, 11.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 186, 230) }
```

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

```
.background{ background-color: rgb(174,  
186, 230) }
```

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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