

Converting Colors

YIQ(188.7130, -18.0650, 2.5030)

Have a look what the booklet for
YIQ(188.7130, -18.0650, 2.5030)
contains.

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Color

**YIQ(188.7130, -18.0650,
2.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC0D5
RGB	173, 192, 213
RGB Percent	68%, 75%, 84%
CMY	0.3216, 0.2470, 0.1648
CMYK	0.19, 0.10, 0.00, 0.16
HSL	211°, 32%, 76%
HSV	211°, 19%, 84%
XYZ	48.0906, 51.3891, 70.3203
YIQ	188.7130, -18.0650, 2.5030

Conversions

Conversions Part 2

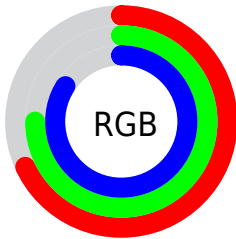
Format	Color
RYB	173, 186, 213
Decimal	11387093
CIELab	76.91, -2.07, -12.68
CIElCh	77, 12.848, 260.732
Yxy	51.3891, 0.2832, 0.3026
Android (android.graphics.Color)	4289577173 (0xFFADC0D5)
YUV	188.7130, 11.9735, -13.7803
Hunter-Lab	71.6862, -5.7043, -7.9800

Details

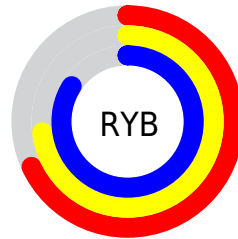
The YIQ color $188.7130, -18.0650, 2.5030$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $197.2870, 18.0650, -2.5030$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.1170, -13.5710, -1.8510$, and $135.4850, -17.4230, 1.8810$ is the 20% darker color. If you saturate the color by 10%, you get $175.9770, -27.5560, 3.8040$, and if you desaturate by 10%, it is $201.4490, -8.5740, 1.2020$.

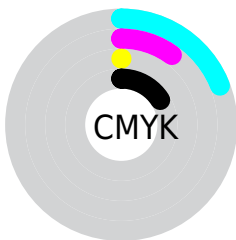
Distribution



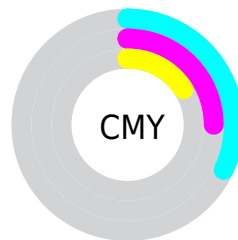
- Red (68%)
- Green (75%)
- Blue (84%)



- Red (68%)
- Yellow (73%)
- Blue (84%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (32%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.7130, -18.0650, 2.5030 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 188.7130, -18.0650, 2.5030 by changing the saturation by 10% instead.

■ 188.7130,
-18.0650, 2.5030

■ 188.7130,
-18.0650, 2.5030

■ 255.0000, -0.0000,
-0.0000

■ 161.5990,
-17.7440, 2.1920

■ 243.1170,
-13.5710, -1.8510

■ 135.4850,
-17.4230, 1.8810

■ 109.7840,
-16.8270, 2.0930

■ 85.6700, -16.5060,
1.7820

■ 61.6700, -16.5060,
1.7820

■ 39.5560, -16.1850,
1.4710

■ 18.4310, -17.3310,

0.2130

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 188.7130,
-18.0650, 2.5030

■ 188.7130,
-18.0650, 2.5030

■ 175.9770,
-27.5560, 3.8040

■ 201.4490, -8.5740,
1.2020

■ 162.9420,
-37.6430, 4.8930

■ 214.4840, 1.5130,
0.1130

■ 150.2060,
-47.1340, 6.1940

■ 227.8070, 10.7290,
-1.7110

■ 136.8830,
-56.3500, 8.0180

■ 239.6460, 18.4320,
-3.6480

■ 124.1470,
-65.8410, 9.3190

■ 246.1030, 15.4070,
-9.4010

■ 111.1120,
-75.9280, 10.4080

■ 250.2120, 13.4820,
-13.0620

■ 98.3760, -85.4190,
11.7090

■ 85.6400, -94.9100,
13.0100

■ 83.5690, -96.1480,
13.4200

Harmonies

Analogous

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



186.9140, -23.2450, -2.7410



188.7130, -18.0650, 2.5030



190.7360, -7.7040, 7.4640

Triad

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



188.7130, -18.0650, 2.5030



192.1660, 20.2640, 7.2080



187.3380, -4.3080, -10.0360

Complementary

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



188.7130, -18.0650, 2.5030



197.2870, 18.0650, -2.5030

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.



188.9650, 7.1080, -7.6760



188.7130, -18.0650, 2.5030



191.0040, 20.5400, 2.2040

Square

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



188.7130, -18.0650, 2.5030



192.3380, 14.0280, 10.0920



190.0910, 15.6810, -3.3510



186.4770, -14.9450, -9.9930

Rectangle

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



188.7130, -18.0650, 2.5030



191.2100, -0.2310, 9.6970



190.0910, 15.6810, -3.3510



187.6050, -0.6860, -9.5980

Sweetspot

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



188.7130, -18.0650, 2.5030



245.8190, -6.7400, 1.0040



198.8740, -17.7410, -14.3890



122.3740, -3.9890, 0.7070



0.0000, 0.0000, 0.0000



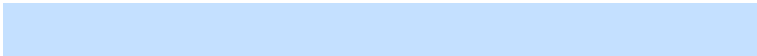
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188.7130, -18.0650, 2.5030



219.1620, -26.6390, 3.7050



177.8590, -12.2440, 12.6520



100.1890, -4.9060, 0.8060



67.0410, -77.1660, 10.8180



17.2290, -19.5780, 2.3900

Inverse Universe

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



187.1260, 17.7410, 14.3890



216.8330, 26.1760, 21.2160



208.1410, 12.2440, -12.6520



99.8590, 4.9510, 3.8870



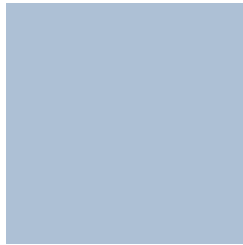
60.3630, 75.9150, 61.4430



15.2510, 18.8870, 15.6470

Previews

White Background



This preview shows how the YIQ color 188.7130, -18.0650, 2.5030 looks on a white background.

Color Contrast Check

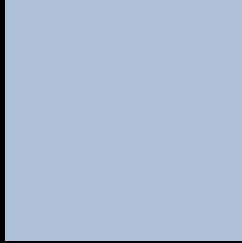
Large Text (above 18pt) WCAG AA × Fail

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 188.7130, -18.0650, 2.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

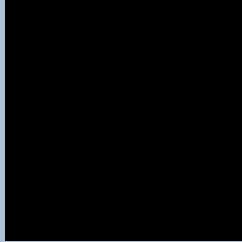
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.7130, -18.0650, 2.5030

Background



This preview shows how black text looks on a background with the YIQ color 188.7130, -18.0650, 2.5030.



This preview shows how white text looks on a background with the YIQ color 188.7130, -18.0650,

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

188.7130, -18.0650, 2.5030

Protanopia

190.3230, -7.9790, 6.9410

Deuteranopia

191.5950, -2.7530, 11.3510



Tritanopia

188.4310, -17.3310, 0.2130

Trichromacy



Original Color

188.7130, -18.0650, 2.5030

Protanomaly

189.5290, -11.5550, 5.6690

Deuteranomaly

190.9640, -8.3460, 8.0860

Tritanomaly

188.6590, -17.9730, 0.8350

Monochromacy



Original Color

188.7130, -18.0650, 2.5030

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.8190, -6.7400, 1.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.7130, -18.0650, 2.5030 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(173, 192, 213)` looks like.

```
.text, #text, p{  
    color:rgb(173, 192, 213)  
}
```

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(173, 192, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 192, 213) }
```

Border

The CSS property to change the border of an element to YIQ 188.7130, -18.0650, 2.5030 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(173, 192, 213) }
```


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

```
.border{ border-color:rgb(173, 192, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 192, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 192, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 192, 213);  
box-shadow:4px 4px 4px 4px rgb(173, 192,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 188.7130, -18.0650, 2.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 192, 213) }
```

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

```
.background{ background-color: rgb(173,  
192, 213) }
```

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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