

Converting Colors

YIQ(192.7130, -18.0650, 2.5030)

Have a look what the booklet for
YIQ(192.7130, -18.0650, 2.5030)
contains.

YIQ(192.7130, -18.0650, 2.5030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(192.7130, -18.0650,
2.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C4D9
RGB	177, 196, 217
RGB Percent	69%, 77%, 85%
CMY	0.3059, 0.2313, 0.1491
CMYK	0.18, 0.10, 0.00, 0.15
HSL	211°, 34%, 77%
HSV	211°, 18%, 85%
XYZ	50.3928, 53.8382, 73.3662
YIQ	192.7130, -18.0650, 2.5030

Conversions

Conversions Part 2

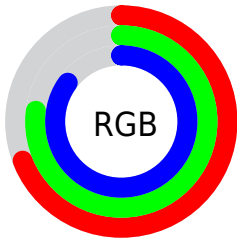
Format	Color
RYB	177, 190, 217
Decimal	11650265
CIELab	78.37, -2.07, -12.64
CIELCh	78, 12.805, 260.678
Yxy	53.8382, 0.2837, 0.3031
Android (android.graphics.Color)	4289840345 (0xFFB1C4D9)
YUV	192.7130, 11.9735, -13.7803
Hunter-Lab	73.3745, -5.8136, -7.9211

Details

The YIQ color $192.7130, -18.0650, 2.5030$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $201.2870, 18.0650, -2.5030$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.2480, -12.5620, -3.6180$, and $138.8980, -17.1480, 2.4040$ is the 20% darker color. If you saturate the color by 10%, you get $179.6780, -28.1520, 3.5920$, and if you desaturate by 10%, it is $205.7480, -7.9780, 1.4140$.

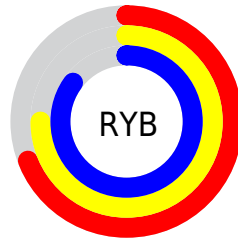
Distribution



Red (69%)

Green (77%)

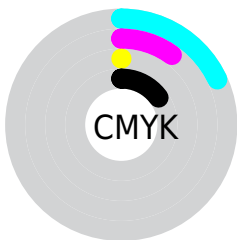
Blue (85%)



Red (69%)

Yellow (75%)

Blue (85%)

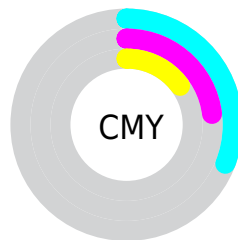


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (23%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.7130, -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 192.7130, -18.0650, 2.5030 by changing the saturation by 10% instead.

■ 192.7130,
-18.0650, 2.5030

■ 192.7130,
-18.0650, 2.5030

■ 255.0000, -0.0000,
-0.0000

■ 165.5990,
-17.7440, 2.1920

■ 247.2480,
-12.5620, -3.6180

■ 138.8980,
-17.1480, 2.4040

■ 113.7840,
-16.8270, 2.0930

■ 88.7840, -16.8270,
2.0930

■ 65.5560, -16.1850,
1.4710

■ 43.1430, -16.4600,
0.9480

■ 21.4310, -17.3310,

0.2130

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 192.7130,
-18.0650, 2.5030

■ 192.7130,
-18.0650, 2.5030

■ 179.6780,
-28.1520, 3.5920

■ 205.7480, -7.9780,
1.4140

■ 166.3550,
-37.3680, 5.4160

■ 219.0710, 1.2380,
-0.4100

■ 153.3200,
-47.4550, 6.5050

■ 232.1060, 11.3250,
-1.4990

■ 140.2850,
-57.5420, 7.5940

■ 243.0370, 15.7730,
-5.0190

■ 126.9620,
-66.7580, 9.4180

■ 249.4940, 12.7480,
-10.7720

■ 113.9270,
-76.8450, 10.5070

■ 250.6680, 12.1980,
-11.8180

■ 100.3050,
-86.6570, 12.1190

■ 87.2700, -96.7440,
13.2080

■ 85.1990, -97.9820,
13.6180

Harmonies

Analogous

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



190.9140, -23.2450, -2.7410



192.7130, -18.0650, 2.5030



194.7360, -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.



192.7130, -18.0650, 2.5030



196.1660, 20.2640, 7.2080



191.3380, -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.



192.7130, -18.0650, 2.5030



201.2870, 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.



192.9650, 7.1080, -7.6760



192.7130, -18.0650, 2.5030



195.0040, 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.



192.7130, -18.0650, 2.5030



196.3380, 14.0280, 10.0920



194.0910, 15.6810, -3.3510



190.4770, -14.9450, -9.9930

Rectangle

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



192.7130, -18.0650, 2.5030



195.2100, -0.2310, 9.6970



194.0910, 15.6810, -3.3510



191.6050, -0.6860, -9.5980

Sweetspot

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



192.7130, -18.0650, 2.5030



245.8190, -6.7400, 1.0040



202.8740, -17.7410, -14.3890



122.3740, -3.9890, 0.7070



0.0000, 0.0000, 0.0000



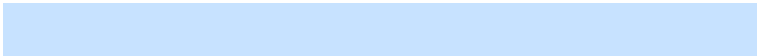
128.0000, -0.0000, -0.0000

Same Dimension

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



192.7130, -18.0650, 2.5030



221.2330, -25.4010, 3.2950



181.8590, -12.2440, 12.6520



103.1890, -4.9060, 0.8060



67.8560, -78.0830, 10.9170



18.1580, -20.8160, 2.8000

Inverse Universe

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



191.1260, 17.7410, 14.3890



218.8220, 24.7090, 20.2690



212.1410, 12.2440, -12.6520



102.8590, 4.9510, 3.8870



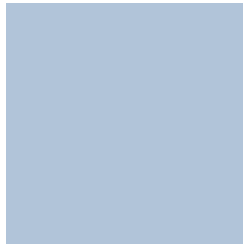
61.0750, 76.7860, 62.1780



16.2620, 20.3540, 16.5940

Previews

White Background



This preview shows how the YIQ color 192.7130, -18.0650, 2.5030 looks on a white background.

Color Contrast Check

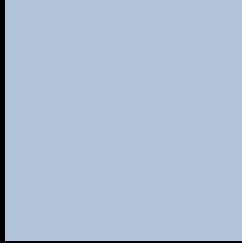
Large Text (above 18pt) WCAG AA × Fail

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 192.7130, -18.0650, 2.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

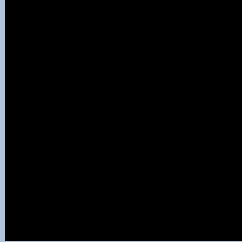
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

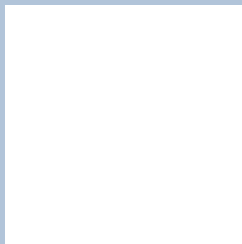
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 192.7130, -18.0650, 2.5030

Background



This preview shows how black text looks on a background with the YIQ color 192.7130, -18.0650, 2.5030.



This preview shows how white text looks on a background with the YIQ color 192.7130, -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

192.7130, -18.0650, 2.5030

Protanopia

194.3230, -7.9790, 6.9410

Deuteranopia

195.8940, -2.1570, 11.5630



Tritanopia

192.4310, -17.3310, 0.2130

Trichromacy



Original Color

192.7130, -18.0650, 2.5030

Protanomaly

193.5290, -11.5550, 5.6690

Deuteranomaly

194.9640, -8.3460, 8.0860

Tritanomaly

192.6590, -17.9730, 0.8350

Monochromacy



Original Color

192.7130, -18.0650, 2.5030

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.8190, -6.7400, 1.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.7130, -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(177, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 217)  
}
```

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, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 217) }
```

Border

The CSS property to change the border of an element to YIQ 192.7130, -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(177, 196, 217) }
```


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

```
.border{ border-color:rgb(177, 196, 217) }
```

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

Here you see how a box with a 4 pixel rgb(177, 196, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 196, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 196, 217);  
box-shadow:4px 4px 4px 4px rgb(177, 196,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 192.7130, -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(177, 196, 217) }
```

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

```
.background{ background-color: rgb(177,  
196, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor