

Converting Colors

YIQ(238.6650, -18.1100,
-2.1900)

Have a look what the booklet for
YIQ(238.6650, -18.1100, -2.1900)
contains.

YIQ(238.6650, -18.1100, -2.1900)	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(238.6650, -18.1100,
-2.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF5FF
RGB	220, 245, 255
RGB Percent	86%, 96%, 100%
CMY	0.1373, 0.0392, 0.0001
CMYK	0.14, 0.04, 0.00, 0.00
HSL	197°, 100%, 93%
HSV	197°, 14%, 100%
XYZ	80.2134, 87.7434, 107.2991
YIQ	238.6650, -18.1100, -2.1900

Conversions

Conversions Part 2

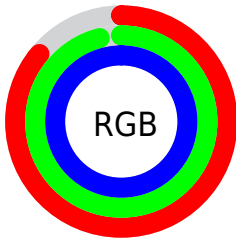
Format	Color
R _Y B	220, 235, 255
Decimal	14480895
CIE Lab	95.05, -6.17, -7.56
CIE LCh	95, 9.755, 230.758
Yxy	87.7434, 0.2914, 0.3188
Android (android.graphics.Color)	4292670975 (0xFFDCF5FF)
YUV	238.6650, 8.0532, -16.3692
Hunter-Lab	93.6715, -11.0706, -2.3457

Details

The YIQ color $238.6650, -18.1100, -2.1900$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $236.3350, 18.1100, 2.1900$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.8500, -17.1930, -2.2890$ is the 20% darker color. If you saturate the color by 10%, you get $226.7820, -31.6810, -4.0410$, and if you desaturate by 10%, it is $250.2490, -5.1350, -0.5510$.

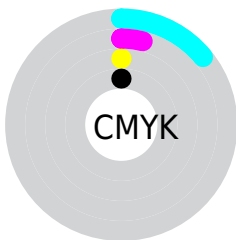
Distribution



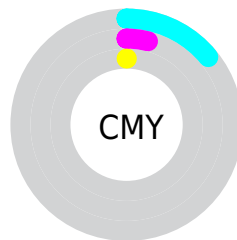
- Red (86%)
- Green (96%)
- Blue (100%)



- Red (86%)
- Yellow (92%)
- Blue (100%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.6650, -18.1100, -2.1900 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 238.6650, -18.1100, -2.1900 by changing the saturation by 10% instead.

■ 238.6650,
-18.1100, -2.1900

■ 238.6650,
-18.1100, -2.1900

■ 255.0000, -0.0000,
-0.0000

■ 210.5510,
-17.7890, -2.5010

■ 182.8500,
-17.1930, -2.2890

■ 155.8500,
-17.1930, -2.2890

■ 129.8500,
-17.1930, -2.2890

■ 104.4480,
-16.0010, -1.8650

■ 80.3340, -15.6800,
-2.1760

■ 57.3340, -15.6800,

-2.1760

■ 35.2200, -15.3590,
-2.4870

■ 15.4050, -14.4420,
-2.5860

■ 238.6650,
-18.1100, -2.1900

■ 238.6650,
-18.1100, -2.1900

■ 226.7820,
-31.6810, -4.0410

■ 250.2490, -5.1350,
-0.5510

■ 214.6110,
-44.3810, -5.1570

255.0000, -0.0000,
-0.0000

■ 202.7280,
-57.9520, -7.0080

■ 191.1440,
-70.9270, -8.6470

■ 179.2610,
-84.4980, -10.4980

■ 167.0900,
-97.1980, -11.6140

■ 155.5060,
-110.1730, -13.2530

■ 143.6230,
-123.7440, -15.1040

■ 135.9040,
-131.9050, -15.8810

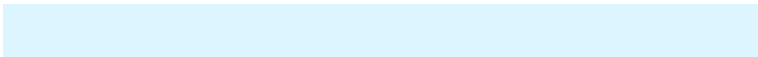
Harmonies

Analogous

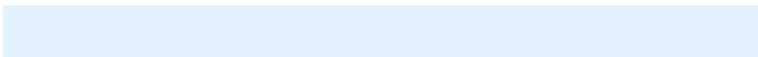
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.7420, -17.0090, -5.6250



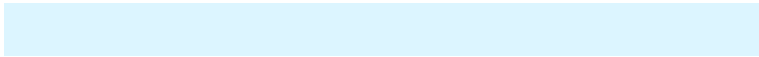
238.6650, -18.1100, -2.1900



239.2960, -12.5170, 1.0750

Triad

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



238.6650, -18.1100, -2.1900



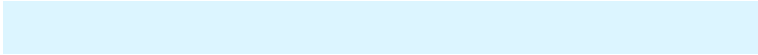
242.0060, 9.0310, 7.0390



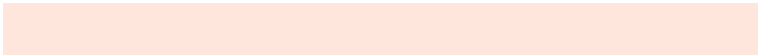
239.8340, 6.0990, -5.9090

Complementary

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



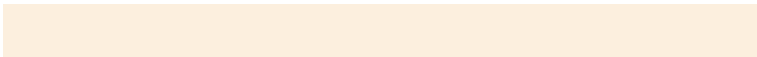
238.6650, -18.1100, -2.1900



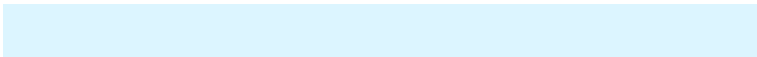
236.3350, 18.1100, 2.1900

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.



240.9490, 13.2050, -2.5310



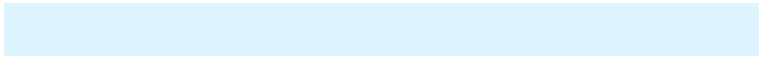
238.6650, -18.1100, -2.1900



240.8660, 12.2410, 3.9290

Square

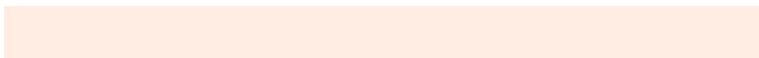
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



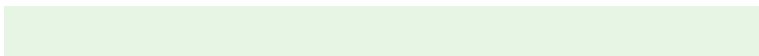
238.6650, -18.1100, -2.1900



242.1240, 2.8870, 8.2550



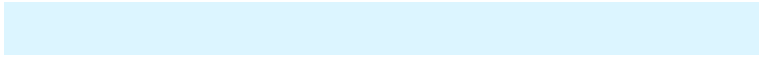
240.5410, 14.5340, 0.9180



238.9900, -3.2080, -7.9440

Rectangle

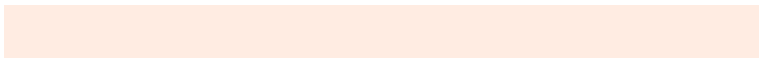
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.6650, -18.1100, -2.1900



240.2150, -7.7950, 3.6050



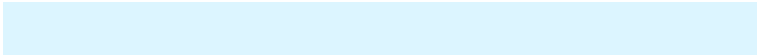
240.5410, 14.5340, 0.9180



240.0300, 8.4830, -5.0610

Sweetspot

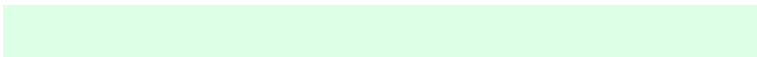
The Sweet Spot groups the original color and five complimentary colors.



238.6650, -18.1100, -2.1900



250.2490, -5.1350, -0.5510



241.6850, -12.8350, -15.1950



124.7330, -3.6220, -0.4380



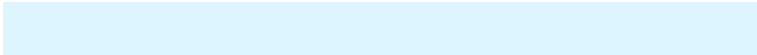
0.0000, 0.0000, 0.0000



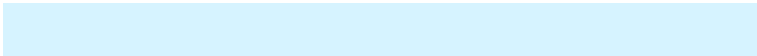
128.0000, -0.0000, -0.0000

Same Dimension

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



238.6650, -18.1100, -2.1900



235.6970, -21.1360, -2.4160



228.6860, -13.4350, 6.7010



121.7650, -6.6480, -0.6640



102.1930, -98.9860, -12.2500



34.2980, -33.1940, -4.1540

Inverse Universe

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



233.3150, 12.8350, 15.1950



229.5650, 15.1270, 17.7110



246.3140, 13.4350, -6.7010



119.9130, 4.8590, 5.5550



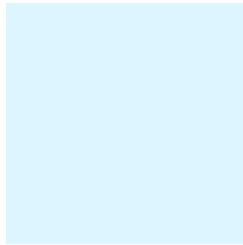
72.7270, 69.8590, 83.0990



24.3800, 23.3780, 27.8740

Previews

White Background



This preview shows how the YIQ color 238.6650, -18.1100, -2.1900 looks on a white background.

Color Contrast Check

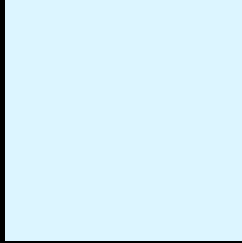
Large Text (above 18pt) WCAG AA × Fail

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 238.6650, -18.1100, -2.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

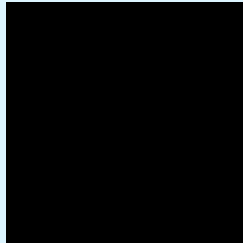
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

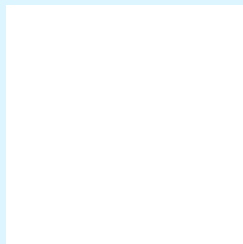
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.6650, -18.1100, -2.1900

Background



This preview shows how black text looks on a background with the YIQ color 238.6650, -18.1100, -2.1900.



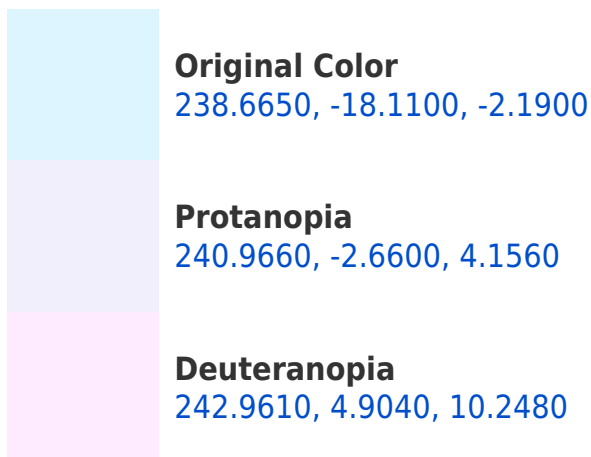
This preview shows how white text looks on a background with the YIQ color 238.6650, -18.1100,

-2.1900.

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

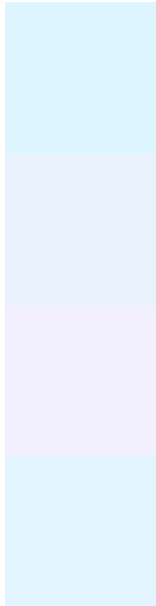




Tritanopia

240.1820, -12.1960, 0.7640

Trichromacy



Original Color

238.6650, -18.1100, -2.1900

Protanomaly

239.8620, -8.2990, 1.7250

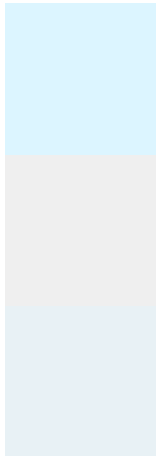
Deuteranomaly

241.7210, -3.3480, 5.6120

Tritanomaly

239.8720, -14.2590, -0.3950

Monochromacy



Original Color

238.6650, -18.1100, -2.1900

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.7650, -6.6480, -0.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.6650, -18.1100, -2.1900 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(220, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 245, 255)  
}
```

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(220, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 245, 255) }
```

Border

The CSS property to change the border of an element to YIQ 238.6650, -18.1100, -2.1900 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(220, 245, 255) }
```


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

```
.border{ border-color:rgb(220, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 245,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 238.6650, -18.1100, -2.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 245, 255) }
```

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

```
.background{ background-color: rgb(220,  
245, 255) }
```

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