

Converting Colors

YIQ(241.8130, -15.7710,
-6.0350)

Have a look what the booklet for
YIQ(241.8130, -15.7710, -6.0350)
contains.

YIQ(241.8130, -15.7710, -6.0350)	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(241.8130, -15.7710,
-6.0350)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFAF9
RGB	223, 250, 249
RGB Percent	87%, 98%, 98%
CMY	0.1255, 0.0195, 0.0236
CMYK	0.11, 0.00, 0.00, 0.02
HSL	178°, 73%, 93%
HSV	178°, 11%, 98%
XYZ	81.7119, 90.9022, 102.8488
YIQ	241.8130, -15.7710, -6.0350

Conversions

Conversions Part 2

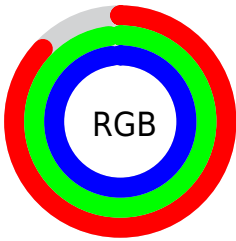
Format	Color
R _Y B	223, 237, 250
Decimal	14678777
CIE Lab	96.37, -8.92, -2.49
CIE LCh	96, 9.265, 195.615
Yxy	90.9022, 0.2966, 0.3300
Android (android.graphics.Color)	4292868857 (0xFFDFFAF9)
YUV	241.8130, 3.5432, -16.4990
Hunter-Lab	95.3426, -13.8690, 2.7820

Details

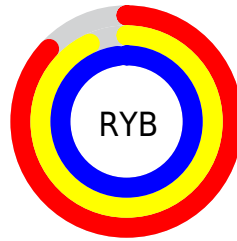
The YIQ color $241.8130, -15.7710, -6.0350$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.1870, 15.7710, 6.0350$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.1120, -15.1750, -5.8230$ is the 20% darker color. If you saturate the color by 10%, you get $234.2240, -30.3500, -11.6460$, and if you desaturate by 10%, it is $249.4020, -1.1920, -0.4240$.

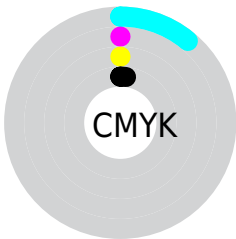
Distribution



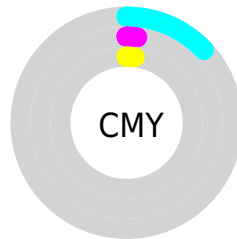
- Red (87%)
- Green (98%)
- Blue (98%)



- Red (87%)
- Yellow (93%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.8130, -15.7710, -6.0350 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 241.8130, -15.7710, -6.0350 by changing the saturation by 10% instead.

■ 241.8130,
-15.7710, -6.0350

■ 241.8130,
-15.7710, -6.0350

255.0000, -0.0000,
-0.0000

■ 213.1120,
-15.1750, -5.8230

■ 186.1120,
-15.1750, -5.8230

■ 158.4110,
-14.5790, -5.6110

■ 132.4110,
-14.5790, -5.6110

■ 106.8240,
-14.3040, -5.0880

■ 83.0090, -13.3870,
-5.1870

■ 59.4220, -13.1120,

-4.6640

■ 37.4220, -13.1120,
-4.6640

■ 16.7100, -13.9830,
-5.3990

■ 241.8130,
-15.7710, -6.0350

■ 241.8130,
-15.7710, -6.0350

■ 234.2240,
-30.3500, -11.6460

■ 249.4020, -1.1920,
-0.4240

■ 226.6350,
-44.9290, -17.2570

■ 251.6090, 2.6590,
1.3710

■ 219.0460,
-59.5080, -22.8680

■ 251.7230, 2.3380,
1.6820

■ 211.4570,
-74.0870, -28.4790

■ 251.8370, 2.0170,
1.9930

■ 203.8680,
-88.6660, -34.0900

■ 251.9510, 1.6960,
2.3040

■ 196.2790,
-103.2450, -39.7010

■ 252.0650, 1.3750,
2.6150

■ 188.6900,
-117.8240, -45.3120

■ 181.1010,
-132.4030, -50.9230

■ 174.1100,
-145.7900, -56.1100

Harmonies

Analogous

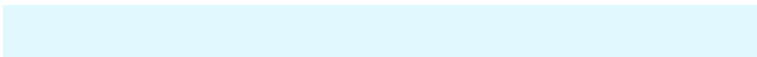
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.2820, -9.9020, -7.7740



241.8130, -15.7710, -6.0350



242.2090, -16.8260, -3.4340

Triad

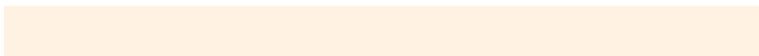
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.8130, -15.7710, -6.0350



245.8850, 2.0620, 6.6860



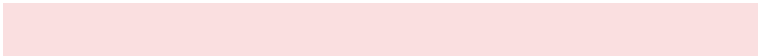
244.1770, 12.5630, -1.9090

Complementary

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



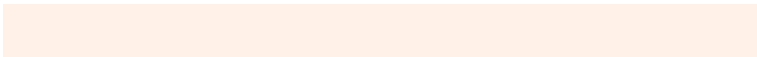
241.8130, -15.7710, -6.0350



231.1870, 15.7710, 6.0350

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.



243.5730, 11.5080, 0.6920



241.8130, -15.7710, -6.0350



244.9240, 6.3260, 6.5020

Square

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



241.8130, -15.7710, -6.0350



244.3570, -5.3190, 2.7850



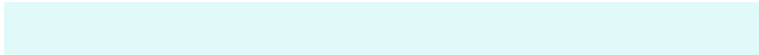
243.8980, 9.2150, 3.7030



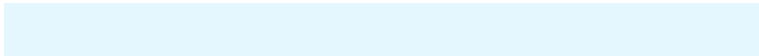
243.5460, 6.9700, -5.1740

Rectangle

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



241.8130, -15.7710, -6.0350



242.2310, -13.8920, -1.5400



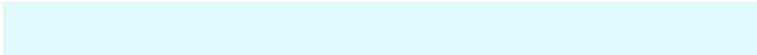
243.8980, 9.2150, 3.7030



244.2910, 12.2420, -1.5980

Sweetspot

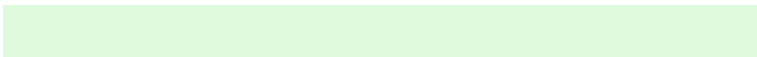
The Sweet Spot groups the original color and five complimentary colors.



241.8130, -15.7710, -6.0350



252.6080, -4.7680, -1.6960



239.1480, -6.8290, -13.9090



126.0920, -3.2550, -1.5830



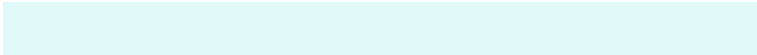
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

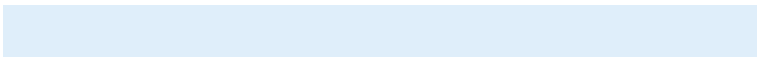
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8130, -15.7710, -6.0350



245.0190, -19.3470, -7.3070



234.8830, -12.7920, 0.5520



120.9990, -7.4270, -3.0670



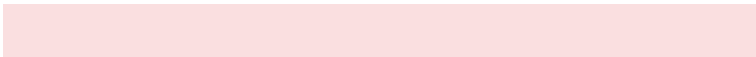
131.6910, -110.3970, -42.2450



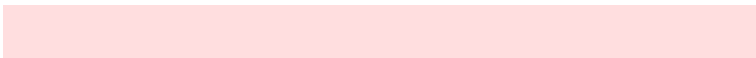
42.5330, -35.7140, -13.5540

Inverse Universe

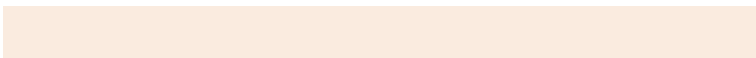
The Inverse Universe completely reimagines the original color for something new.



231.1870, 15.7710, 6.0350



231.9810, 19.3470, 7.3070



238.1170, 12.7920, -0.5520



116.0010, 7.4270, 3.0670



57.3090, 110.3970, 42.2450



18.4670, 35.7140, 13.5540

Previews

White Background



This preview shows how the YIQ color 241.8130, -15.7710, -6.0350 looks on a white background.

Color Contrast Check

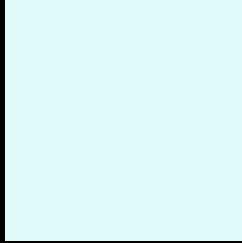
Large Text (above 18pt) WCAG AA × Fail

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 241.8130, -15.7710, -6.0350 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 241.8130, -15.7710, -6.0350

Background



This preview shows how black text looks on a background with the YIQ color 241.8130, -15.7710, -6.0350.



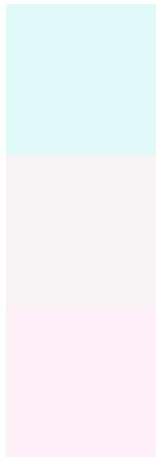
This preview shows how white text looks on a background with the YIQ color 241.8130, -15.7710,

-6.0350.

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

241.8130, -15.7710, -6.0350

Protanopia

244.7230, 2.3380, 1.6820

Deuteranopia

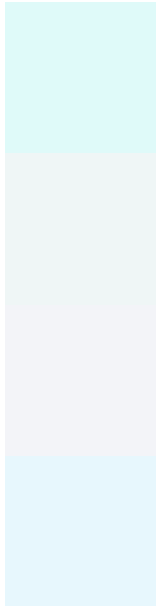
245.3970, 6.3720, 5.6680



Tritanopia

244.0360, -8.8490, 0.6790

Trichromacy



Original Color

241.8130, -15.7710, -6.0350

Protanomaly

243.9070, -4.1720, -1.4840

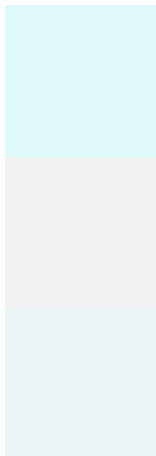
Deuteranomaly

244.1570, -1.8800, 1.0320

Tritanomaly

242.9000, -11.4620, -1.5260

Monochromacy



Original Color

241.8130, -15.7710, -6.0350

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.0100, -5.9600, -2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.8130, -15.7710, -6.0350 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(223, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(223, 250, 249)  
}
```

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(223, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 250, 249) }
```

Border

The CSS property to change the border of an element to YIQ 241.8130, -15.7710, -6.0350 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(223, 250, 249) }
```


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

```
.border{ border-color:rgb(223, 250, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(223, 250,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 241.8130, -15.7710, -6.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 250, 249) }
```

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

```
.background{ background-color: rgb(223,  
250, 249) }
```

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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