

Converting Colors

YIQ(238.0100, -15.1280,
-12.1840)

Have a look what the booklet for
YIQ(238.0100, -15.1280, -12.1840)
contains.

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Color

**YIQ(238.0100, -15.1280,
-12.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FAEA
RGB	216, 250, 234
RGB Percent	85%, 98%, 92%
CMY	0.1530, 0.0195, 0.0824
CMYK	0.14, 0.00, 0.06, 0.02
HSL	152°, 77%, 91%
HSV	152°, 14%, 98%
XYZ	77.3516, 88.9153, 90.9183
YIQ	238.0100, -15.1280, -12.1840

Conversions

Conversions Part 2

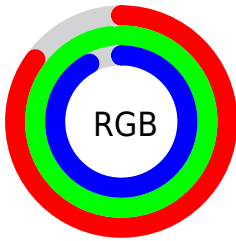
Format	Color
R_{YB}	216, 238, 250
Decimal	14220010
CIE Lab	95.55, -13.98, 3.99
CIE LCh	96, 14.537, 164.087
Yxy	88.9153, 0.3008, 0.3457
Android (android.graphics.Color)	4292410090 (0xFFD8FAEA)
YUV	238.0100, -1.9769, -19.3028
Hunter-Lab	94.2949, -18.5897, 8.8396

Details

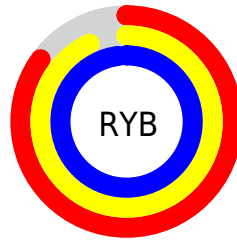
The YIQ color $238.0100, -15.1280, -12.1840$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.9900, 15.1280, 12.1840$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.7220, -14.2570, -11.4490$ is the 20% darker color. If you saturate the color by 10%, you get $229.1670, -26.1760, -21.2160$, and if you desaturate by 10%, it is $246.8530, -4.0800, -3.1520$.

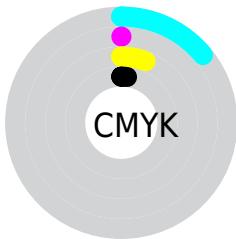
Distribution



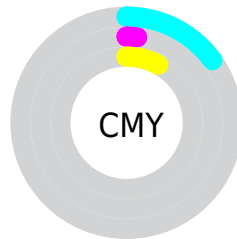
- Red (85%)
- Green (98%)
- Blue (92%)



- Red (85%)
- Yellow (93%)
- Blue (98%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.0100, -15.1280, -12.1840 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 238.0100, -15.1280, -12.1840 by changing the saturation by 10% instead.

■ 238.0100,
-15.1280, -12.1840

■ 238.0100,
-15.1280, -12.1840

255.0000, -0.0000,
-0.0000

■ 209.4230,
-14.8530, -11.6610

■ 181.7220,
-14.2570, -11.4490

■ 154.8360,
-14.5780, -11.1380

■ 129.1350,
-13.9820, -10.9260

■ 103.5480,
-13.7070, -10.4030

■ 79.8470, -13.1110,
-10.1910

■ 56.2600, -12.8360,

-9.6680

■ 34.3740, -13.1570,
-9.3570

■ 15.2280, -9.8100,
-9.4420

■ 238.0100,
-15.1280, -12.1840

■ 238.0100,
-15.1280, -12.1840

■ 229.1670,
-26.1760, -21.2160

■ 246.8530, -4.0800,
-3.1520

■ 220.3240,
-37.2240, -30.2480

■ 252.0650, 1.3750,
2.6150

■ 211.5950,
-48.5930, -38.9690

■ 202.7520,
-59.6410, -48.0010

■ 193.9090,
-70.6890, -57.0330

■ 185.0660,
-81.7370, -66.0650

■ 176.3370,
-93.1060, -74.7860

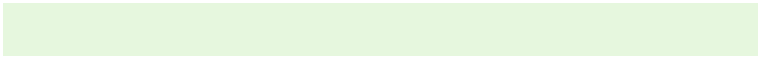
■ 167.4940,
-104.1540, -83.8180

■ 161.7980,
-111.1220, -89.6980

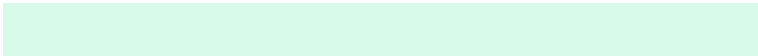
Harmonies

Analogous

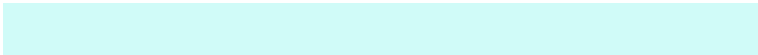
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.0670, -2.1070, -11.3790



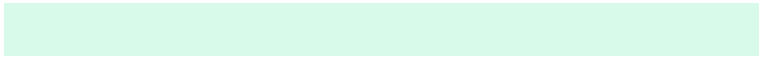
238.0100, -15.1280, -12.1840



237.8010, -24.6650, -10.0490

Triad

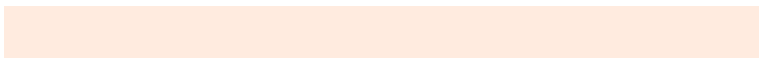
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.0100, -15.1280, -12.1840



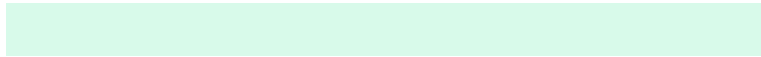
241.1010, -7.4740, 3.2940



239.6120, 15.7720, 0.5080

Complementary

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



238.0100, -15.1280, -12.1840



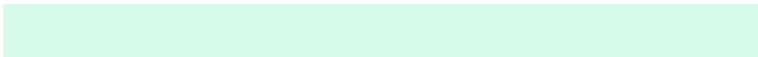
227.9900, 15.1280, 12.1840

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.



239.9200, 12.1490, 5.5970



238.0100, -15.1280, -12.1840



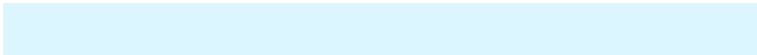
243.8360, 3.7580, 8.9900

Square

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



238.0100, -15.1280, -12.1840



238.9530, -18.9810, -2.9250



241.5160, 7.6550, 9.9510



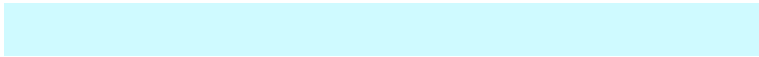
241.0480, 17.2400, -4.0720

Rectangle

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



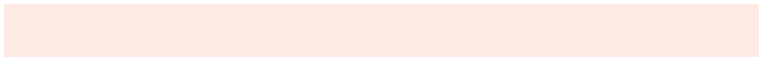
238.0100, -15.1280, -12.1840



237.7130, -27.2330, -7.5610



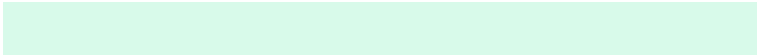
241.5160, 7.6550, 9.9510



239.4810, 14.7630, 2.2750

Sweetspot

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



238.0100, -15.1280, -12.1840



251.4400, -4.3550, -3.6750



240.7420, 0.1860, -14.3900



125.4510, -2.8880, -2.7280



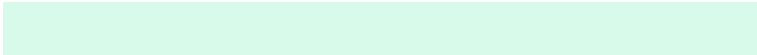
0.0000, 0.0000, 0.0000



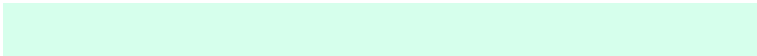
128.0000, -0.0000, -0.0000

Same Dimension

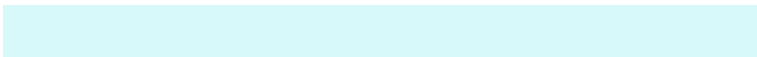
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.0100, -15.1280, -12.1840



240.5750, -18.3370, -14.6010



239.2470, -19.9890, -6.6850



120.4290, -5.8220, -4.6220



122.3430, -84.0750, -67.7470



39.4550, -27.0470, -21.9510

Inverse Universe

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



227.9900, 15.1280, 12.1840



228.4250, 18.3370, 14.6010



226.7530, 19.9890, 6.6850



116.5710, 5.8220, 4.6220



66.6570, 84.0750, 67.7470



21.5450, 27.0470, 21.9510

Previews

White Background



This preview shows how the YIQ color 238.0100, -15.1280, -12.1840 looks on a white background.

Color Contrast Check

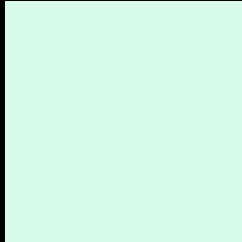
Large Text (above 18pt) WCAG AA × Fail

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 238.0100, -15.1280, -12.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

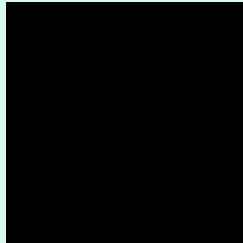
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

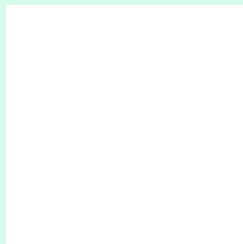
Any Text WCAG AAA ✓ Pass

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

YIQ 238.0100, -15.1280, -12.1840 Background



This preview shows how black text looks on a background with the YIQ color 238.0100, -15.1280, -12.1840.



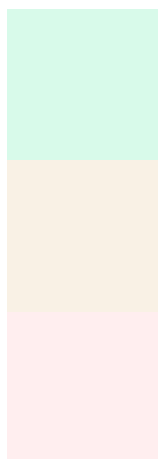
This preview shows how white text looks on a background with the YIQ color 238.0100, -15.1280, -12.1840.

-12.1840.

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

238.0100, -15.1280, -12.1840

Protanopia

242.0240, 8.6200, -2.0360

Deuteranopia

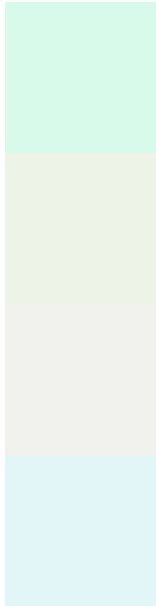
243.1970, 9.8110, 3.9150



Tritanopia

241.3670, -11.2790, 0.6650

Trichromacy



Original Color

238.0100, -15.1280, -12.1840

Protanomaly

240.4250, 0.0010, -5.5270

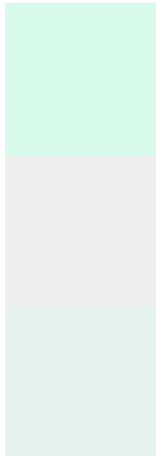
Deuteranomaly

241.1310, 1.0090, -1.7670

Tritanomaly

240.1340, -12.2410, -3.9290

Monochromacy



Original Color

238.0100, -15.1280, -12.1840

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

237.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.0100, -15.1280, -12.1840 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(216, 250, 234)` looks like.

```
.text, #text, p{  
    color:rgb(216, 250, 234)  
}
```

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(216, 250, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 250, 234) }
```

Border

The CSS property to change the border of an element to YIQ 238.0100, -15.1280, -12.1840 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(216, 250, 234) }
```


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

```
.border{ border-color:rgb(216, 250, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 250, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 250, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 250, 234);  
box-shadow:4px 4px 4px 4px rgb(216, 250,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 238.0100, -15.1280, -12.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 250, 234) }
```

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

```
.background{ background-color: rgb(216,  
250, 234) }
```

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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