

Converting Colors

YIQ(238.7500, -11.4600,
-12.5800)

Have a look what the booklet for
YIQ(238.7500, -11.4600, -12.5800)
contains.

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Color

**YIQ(238.7500, -11.4600,
-12.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFAE6
RGB	220, 250, 230
RGB Percent	86%, 98%, 90%
CMY	0.1373, 0.0195, 0.0981
CMYK	0.12, 0.00, 0.08, 0.02
HSL	140°, 75%, 92%
HSV	140°, 12%, 98%
XYZ	77.9801, 89.3041, 87.9847
YIQ	238.7500, -11.4600, -12.5800

Conversions

Conversions Part 2

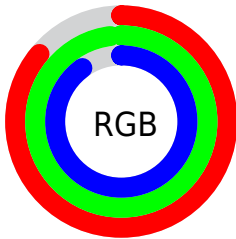
Format	Color
R_{YB}	220, 243, 250
Decimal	14482150
CIE _{Lab}	95.71, -13.42, 6.31
CIE _{LCh}	96, 14.830, 154.804
Y _{xy}	89.3041, 0.3055, 0.3498
Android (android.graphics.Color)	4292672230 (0xFFDCFAE6)
YUV	238.7500, -4.3137, -16.4438
Hunter-Lab	94.5008, -18.0820, 10.9488

Details

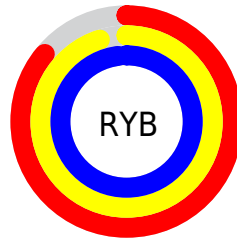
The YIQ color $238.7500, -11.4600, -12.5800$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.2500, 11.4600, 12.5800$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.5760, -10.9100, -11.5340$ is the 20% darker color. If you saturate the color by 10%, you get $229.3370, -20.9030, -23.1670$, and if you desaturate by 10%, it is $248.1630, -2.0170, -1.9930$.

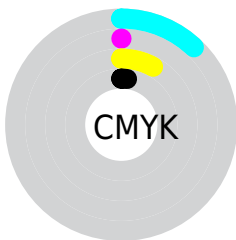
Distribution



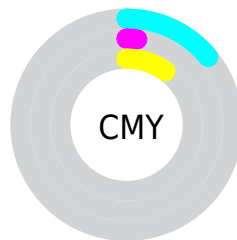
- Red (86%)
- Green (98%)
- Blue (90%)



- Red (86%)
- Yellow (95%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.7500, -11.4600, -12.5800 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 238.7500, -11.4600, -12.5800 by changing the saturation by 10% instead.

■ 238.7500,
-11.4600, -12.5800

■ 238.7500,
-11.4600, -12.5800

255.0000, -0.0000,
-0.0000

■ 210.1630,
-11.1850, -12.0570

■ 183.1630,
-11.1850, -12.0570

■ 155.5760,
-10.9100, -11.5340

■ 129.8750,
-10.3140, -11.3220

■ 104.2880,
-10.0390, -10.7990

■ 80.4020, -10.3600,
-10.4880

■ 57.1140, -9.4890,

-9.7530

■ 35.2280, -9.8100,
-9.4420

■ 14.6580, -8.2050,
-10.9970

■ 238.7500,
-11.4600, -12.5800

■ 238.7500,
-11.4600, -12.5800

■ 229.3370,
-20.9030, -23.1670

■ 248.1630, -2.0170,
-1.9930

■ 220.0380,
-30.6670, -33.4430

■ 252.0650, 1.3750,
2.6150

■ 210.6250,
-40.1100, -44.0300

■ 201.2120,
-49.5530, -54.6170

■ 191.9130,
-59.3170, -64.8930

■ 182.5000,
-68.7600, -75.4800

■ 173.0870,
-78.2030, -86.0670

■ 163.7880,
-87.9670, -96.3430

■ 156.2120,
-95.3930, -104.9370

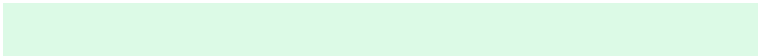
Harmonies

Analogous

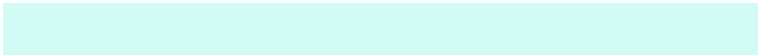
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.5190, 2.4320, -11.0400



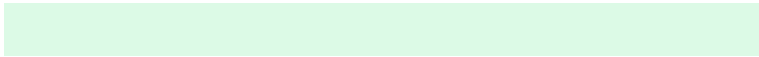
238.7500, -11.4600, -12.5800



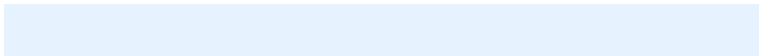
237.6440, -22.7850, -11.0810

Triad

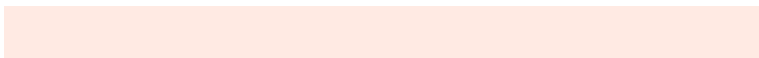
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.7500, -11.4600, -12.5800



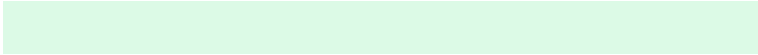
240.4810, -11.6000, 0.9760



239.4810, 14.7630, 2.2750

Complementary

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



238.7500, -11.4600, -12.5800



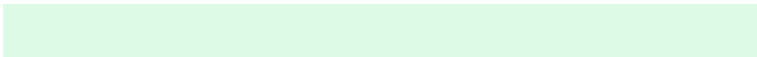
231.2500, 11.4600, 12.5800

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.



240.4900, 10.5440, 7.1520



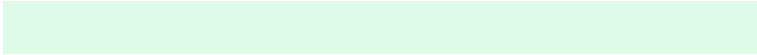
238.7500, -11.4600, -12.5800



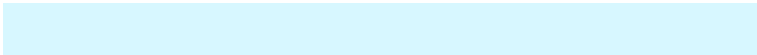
242.9280, 0.5030, 7.4070

Square

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



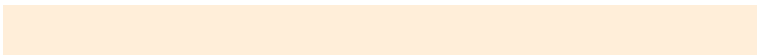
238.7500, -11.4600, -12.5800



238.3440, -21.6400, -4.2960



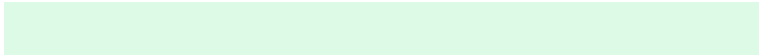
242.6730, 5.7750, 10.9830



240.6890, 16.8730, -2.9270

Rectangle

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



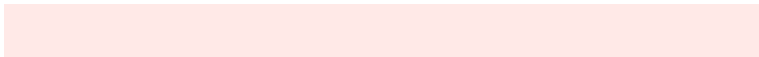
238.7500, -11.4600, -12.5800



237.8870, -27.7830, -8.6070



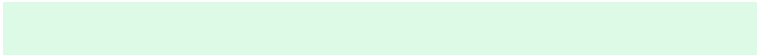
242.6730, 5.7750, 10.9830



239.3500, 13.7540, 4.0420

Sweetspot

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



238.7500, -11.4600, -12.5800



251.2120, -3.7130, -4.2970



243.5900, 3.6700, -11.4500



125.3370, -2.5670, -3.0390



0.0000, 0.0000, 0.0000



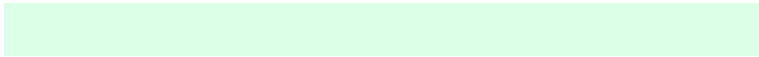
128.0000, -0.0000, -0.0000

Same Dimension

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



238.7500, -11.4600, -12.5800



241.5000, -13.7520, -15.0960



240.4600, -16.2750, -7.9150



120.2010, -5.1800, -5.2440



118.1250, -72.1980, -79.2540



38.0870, -23.1950, -25.6830

Inverse Universe

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



231.2500, 11.4600, 12.5800



232.5000, 13.7520, 15.0960



229.5400, 16.2750, 7.9150



116.9130, 4.8590, 5.5550



70.8750, 72.1980, 79.2540



22.9130, 23.1950, 25.6830

Previews

White Background



This preview shows how the YIQ color 238.7500, -11.4600, -12.5800 looks on a white background.

Color Contrast Check

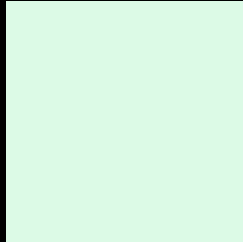
Large Text (above 18pt) WCAG AA × Fail

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 238.7500, -11.4600, -12.5800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

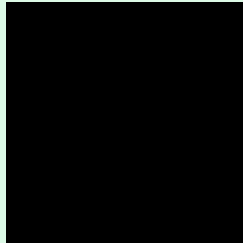
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

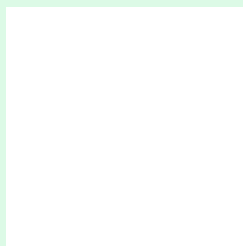
Any Text WCAG AAA ✓ Pass

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

YIQ 238.7500, -11.4600, -12.5800 Background



This preview shows how black text looks on a background with the YIQ color 238.7500, -11.4600, -12.5800.



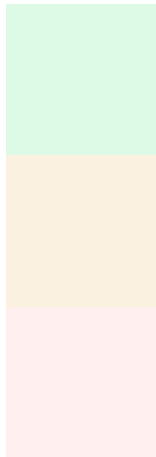
This preview shows how white text looks on a background with the YIQ color 238.7500, -11.4600,

-12.5800.

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

238.7500, -11.4600, -12.5800

Protanopia

242.1660, 11.0960, -2.8560

Deuteranopia

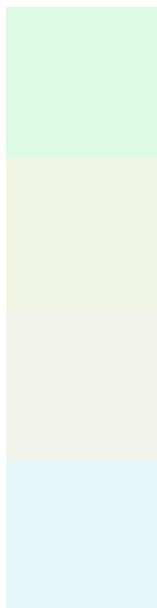
243.6700, 9.8570, 3.0810



Tritanopia

241.9650, -10.0870, 1.0890

Trichromacy



Original Color

238.7500, -11.4600, -12.5800

Protanomaly

240.8660, 3.0730, -6.1350

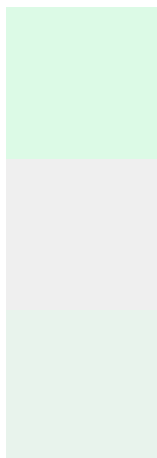
Deuteranomaly

241.7890, 1.9720, -2.7000

Tritanomaly

240.6180, -10.7280, -3.8160

Monochromacy



Original Color

238.7500, -11.4600, -12.5800

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.9130, -4.3090, -4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.7500, -11.4600, -12.5800 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, 250, 230)` looks like.

```
.text, #text, p{  
    color:rgb(220, 250, 230)  
}
```

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, 250, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 250, 230) }
```

Border

The CSS property to change the border of an element to YIQ 238.7500, -11.4600, -12.5800 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, 250, 230) }
```


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

```
.border{ border-color:rgb(220, 250, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 250, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 250, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 250, 230);  
box-shadow:4px 4px 4px 4px rgb(220, 250,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 238.7500, -11.4600, -12.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 250, 230) }
```

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

```
.background{ background-color: rgb(220,  
250, 230) }
```

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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