

Converting Colors

YIQ(237.8520, -11.5070,
-6.2190)

Have a look what the booklet for
YIQ(237.8520, -11.5070, -6.2190)
contains.

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Color

**YIQ(237.8520, -11.5070,
-6.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF5F0
RGB	223, 245, 240
RGB Percent	87%, 96%, 94%
CMY	0.1255, 0.0392, 0.0589
CMYK	0.09, 0.00, 0.02, 0.04
HSL	166°, 52%, 92%
HSV	166°, 9%, 96%
XYZ	78.8089, 87.2868, 95.1241
YIQ	237.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

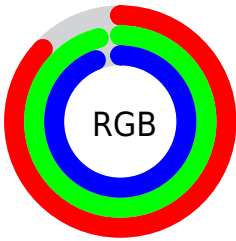
Format	Color
R_{YB}	223, 235, 245
Decimal	14677488
CIE Lab	94.86, -8.11, -0.06
CIE LCh	95, 8.114, 180.396
Yxy	87.2868, 0.3017, 0.3342
Android (android.graphics.Color)	4292867568 (0xFFDFF5F0)
YUV	237.8520, 1.0590, -13.0252
Hunter-Lab	93.4274, -12.9277, 5.0324

Details

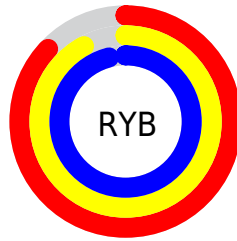
The YIQ color $237.8520, -11.5070, -6.2190$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $230.1480, 11.5070, 6.2190$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.1510, -10.9110, -6.0070$ is the 20% darker color. If you saturate the color by 10%, you get $229.6930, -24.4810, -13.3850$, and if you desaturate by 10%, it is $245.7120, 0.8710, 0.7350$.

Distribution



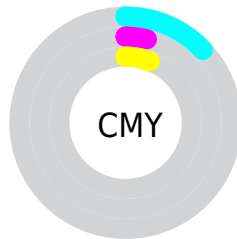
- Red (87%)
- Green (96%)
- Blue (94%)



- Red (87%)
- Yellow (92%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.8520, -11.5070, -6.2190 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 237.8520, -11.5070, -6.2190 by changing the saturation by 10% instead.

■ 237.8520,
-11.5070, -6.2190

■ 237.8520,
-11.5070, -6.2190

255.0000, -0.0000,
-0.0000

■ 209.8520,
-11.5070, -6.2190

■ 182.1510,
-10.9110, -6.0070

■ 155.1510,
-10.9110, -6.0070

■ 129.4500,
-10.3150, -5.7950

■ 103.8630,
-10.0400, -5.2720

■ 79.8630, -10.0400,
-5.2720

■ 57.1620, -9.4440,

-5.0600

■ 35.1620, -9.4440,
-5.0600

■ 14.1510, -10.9110,
-6.0070

■ 237.8520,
-11.5070, -6.2190

■ 237.8520,
-11.5070, -6.2190

■ 229.6930,
-24.4810, -13.3850

■ 245.7120, 0.8710,
0.7350

■ 221.9470,
-37.1800, -20.0280

■ 248.6740, 4.0340,
3.9860

■ 213.7880,
-50.1540, -27.1940

■ 249.1300, 2.7500,
5.2300

■ 206.0420,
-62.8530, -33.8370

■ 197.8830,
-75.8270, -41.0030

■ 190.0230,
-88.2050, -47.9570

■ 181.9780,
-101.5000, -54.8120

■ 174.1180,
-113.8780, -61.7660

■ 166.0730,
-127.1730, -68.6210

Harmonies

Analogous

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



238.1470, -5.0880, -6.9120



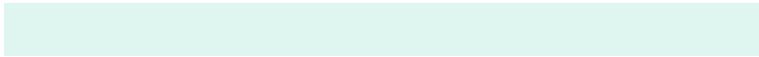
237.8520, -11.5070, -6.2190



238.1660, -15.2670, -4.1550

Triad

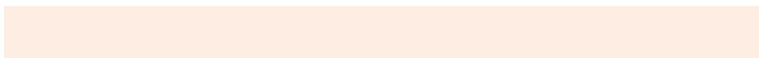
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.8520, -11.5070, -6.2190



241.0200, -2.7520, 5.8240



240.9430, 13.3420, 0.4940

Complementary

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



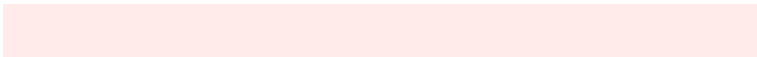
237.8520, -11.5070, -6.2190



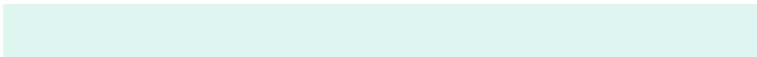
230.1480, 11.5070, 6.2190

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.



240.7520, 12.5620, 3.6180



237.8520, -11.5070, -6.2190



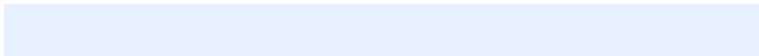
241.8530, 5.0880, 6.9120

Square

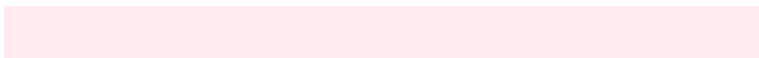
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



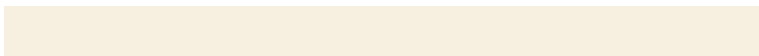
237.8520, -11.5070, -6.2190



239.9050, -9.8580, 2.4460



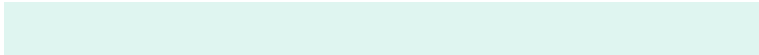
241.5500, 10.3150, 5.7950



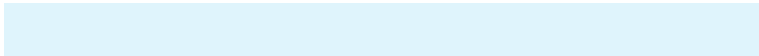
240.3830, 8.9870, -3.1810

Rectangle

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



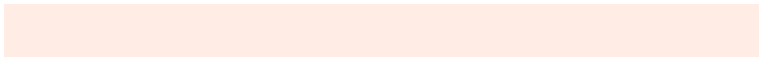
237.8520, -11.5070, -6.2190



238.6330, -15.0840, -1.9640



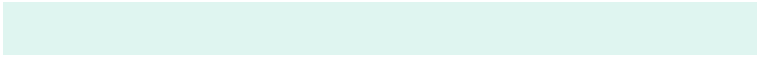
241.5500, 10.3150, 5.7950



240.7690, 13.8920, 1.5400

Sweetspot

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



237.8520, -11.5070, -6.2190



252.3800, -4.1260, -2.3180



237.4090, -3.0700, -10.4460



125.9780, -2.9340, -1.8940



0.0000, 0.0000, 0.0000



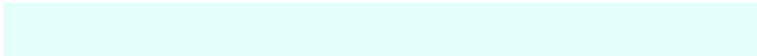
128.0000, -0.0000, -0.0000

Same Dimension

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



237.8520, -11.5070, -6.2190



245.9440, -14.7620, -7.8020



234.9000, -11.4620, -1.5260



118.1840, -6.5100, -3.1660



125.5980, -97.3740, -52.4940



39.7630, -30.6700, -16.8620

Inverse Universe

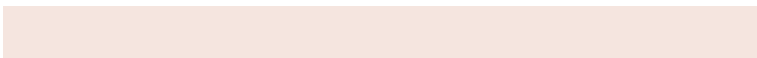
The Inverse Universe completely reimagines the original color for something new.



230.1480, 11.5070, 6.2190



236.0560, 14.7620, 7.8020



233.1000, 11.4620, 1.5260



113.9300, 6.1890, 3.4770



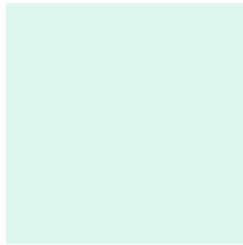
60.4020, 97.3740, 52.4940



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 237.8520, -11.5070, -6.2190 looks on a white background.

Color Contrast Check

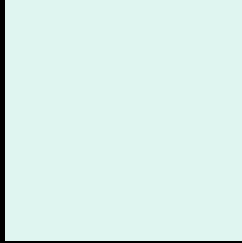
Large Text (above 18pt) WCAG AA × Fail

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 237.8520, -11.5070, -6.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

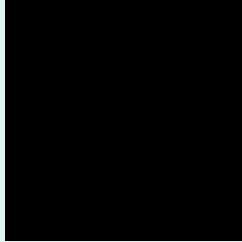
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

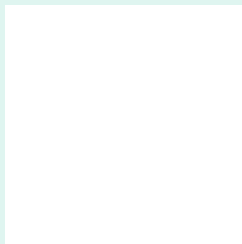
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.8520, -11.5070, -6.2190

Background



This preview shows how black text looks on a background with the YIQ color 237.8520, -11.5070, -6.2190.



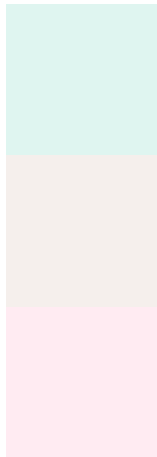
This preview shows how white text looks on a background with the YIQ color 237.8520, -11.5070,

-6.2190.

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

237.8520, -11.5070, -6.2190

Protanopia

240.4520, 4.5390, 0.3390

Deuteranopia

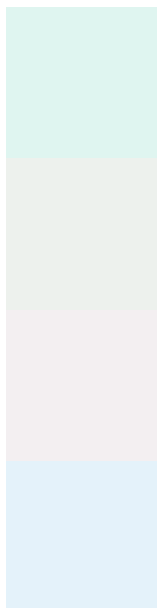
241.7780, 9.6730, 6.4170



Tritanopia

239.6060, -10.4540, 2.2340

Trichromacy



Original Color

237.8520, -11.5070, -6.2190

Protanomaly

239.3480, -1.1000, -2.0920

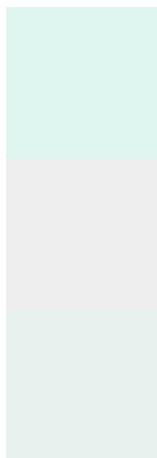
Deuteranomaly

240.4240, 1.7420, 1.4700

Tritanomaly

238.7260, -10.9120, -0.4800

Monochromacy



Original Color

237.8520, -11.5070, -6.2190

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.3800, -4.1260, -2.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.8520, -11.5070, -6.2190 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, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(223, 245, 240)  
}
```

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, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 245, 240) }
```

Border

The CSS property to change the border of an element to YIQ 237.8520, -11.5070, -6.2190 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, 245, 240) }
```


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

```
.border{ border-color:rgb(223, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(223, 245,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 237.8520, -11.5070, -6.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 245, 240) }
```

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

```
.background{ background-color: rgb(223,  
245, 240) }
```

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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