

Converting Colors

YIQ(235.2590, -11.0950,
-2.6710)

Have a look what the booklet for
YIQ(235.2590, -11.0950, -2.6710)
contains.

YIQ(235.2590, -11.0950, -2.6710)	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(235.2590, -11.0950,
-2.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF0F3
RGB	223, 240, 243
RGB Percent	87%, 94%, 95%
CMY	0.1255, 0.0588, 0.0471
CMYK	0.08, 0.01, 0.00, 0.05
HSL	189°, 45%, 91%
HSV	189°, 8%, 95%
XYZ	77.7665, 84.4812, 96.9924
YIQ	235.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

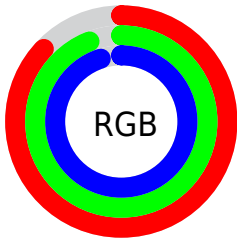
Format	Color
R _{YB}	223, 232, 243
Decimal	14676211
CIE _{Lab}	93.66, -5.02, -3.37
CIE _{LCh}	94, 6.045, 213.884
Y _{xy}	84.4812, 0.3000, 0.3259
Android (android.graphics.Color)	4292866291 (0xFFDFF0F3)
Y _{UV}	235.2590, 3.8163, -10.7511
Hunter-Lab	91.9136, -9.8232, 1.7734

Details

The YIQ color $235.2590, -11.0950, -2.6710$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $230.7410, 11.0950, 2.6710$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.5580, -10.4990, -2.4590$ is the 20% darker color. If you saturate the color by 10%, you get $225.7350, -24.2990, -5.6670$, and if you desaturate by 10%, it is $244.7830, 2.1090, 0.3250$.

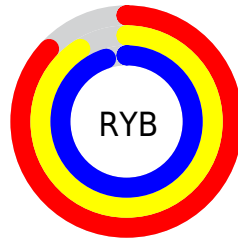
Distribution



Red (87%)

Green (94%)

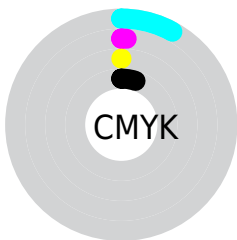
Blue (95%)



Red (87%)

Yellow (91%)

Blue (95%)

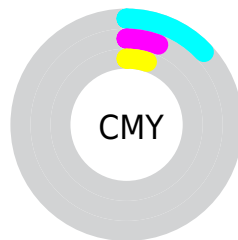


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.2590, -11.0950, -2.6710 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 235.2590, -11.0950, -2.6710 by changing the saturation by 10% instead.

■ 235.2590,
-11.0950, -2.6710

■ 235.2590,
-11.0950, -2.6710

255.0000, -0.0000,
-0.0000

■ 207.2590,
-11.0950, -2.6710

■ 179.5580,
-10.4990, -2.4590

■ 152.5580,
-10.4990, -2.4590

■ 126.8570, -9.9030,
-2.2470

■ 101.8570, -9.9030,
-2.2470

■ 77.7430, -9.5820,
-2.5580

■ 55.0420, -8.9860,

-2.3460

■ 33.3410, -8.3900,
-2.1340

■ 11.5580, -10.4990,
-2.4590

■ 235.2590,
-11.0950, -2.6710

■ 235.2590,
-11.0950, -2.6710

■ 225.7350,
-24.2990, -5.6670

■ 244.7830, 2.1090,
0.3250

■ 216.4990,
-38.3740, -9.3980

■ 248.9360, 6.0520,
0.4520

■ 206.9750,
-51.5780, -12.3940

■ 251.2840, 4.9520,
-1.6400

■ 198.0380,
-65.0570, -15.9130

■ 253.0450, 4.1270,
-3.2090

■ 188.2150,
-78.8570, -19.1210

■ 253.6320, 3.8520,
-3.7320

■ 178.6910,
-92.0610, -22.1170

■ 169.7540,
-105.5400, -25.6360

■ 160.2300,
-118.7440, -28.6320

■ 150.4070,
-132.5440, -31.8400

Harmonies

Analogous

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



234.8740, -8.5730, -4.3250



235.2590, -11.0950, -2.6710



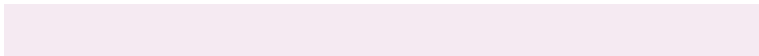
236.0250, -10.3160, -0.2680

Triad

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



235.2590, -11.0950, -2.6710



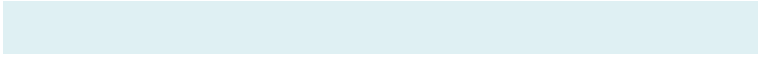
238.2010, 3.9880, 4.8200



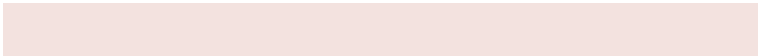
236.8280, 6.2360, -2.8840

Complementary

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



235.2590, -11.0950, -2.6710



230.7410, 11.0950, 2.6710

Split Complementary

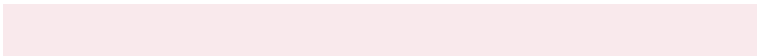
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.5620, 10.0410, -0.2550



235.2590, -11.0950, -2.6710



238.1260, 8.5730, 4.3250

Square

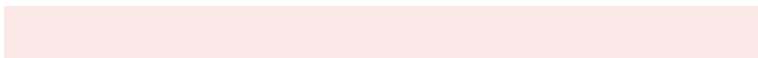
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.2590, -11.0950, -2.6710



237.4500, -1.1470, 4.2690



237.7410, 11.0950, 2.6710



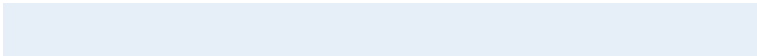
235.5500, 1.1470, -4.2690

Rectangle

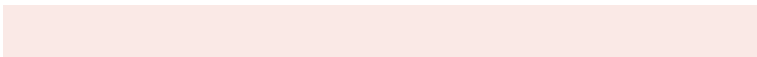
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



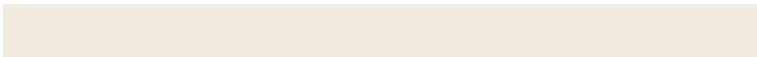
235.2590, -11.0950, -2.6710



236.7480, -7.9780, 1.4140



237.7410, 11.0950, 2.6710



236.8390, 7.7030, -1.9370

Sweetspot

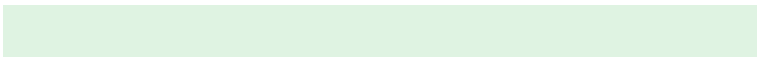
The Sweet Spot groups the original color and five complimentary colors.



235.2590, -11.0950, -2.6710



252.9180, -2.7050, -0.5370



235.0820, -6.4630, -9.5270



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000



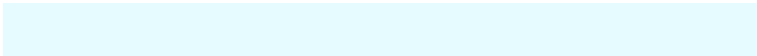
128.0000, -0.0000, -0.0000

Same Dimension

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



235.2590, -11.0950, -2.6710



245.1770, -13.8000, -3.2080



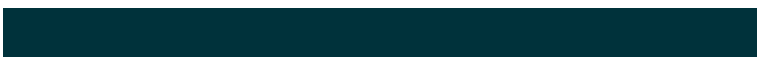
229.3890, -8.3450, 2.5590



117.8250, -6.8770, -2.0210



113.9500, -103.1560, -24.7880



36.0760, -32.6890, -7.8010

Inverse Universe

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



230.9180, 6.4630, 9.5270



239.8690, 8.1590, 11.8310



236.6110, 8.3450, -2.5590



114.8420, 3.6210, 5.9650



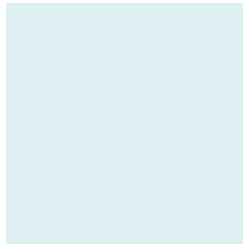
73.6260, 60.1380, 88.5700



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 235.2590, -11.0950, -2.6710 looks on a white background.

Color Contrast Check

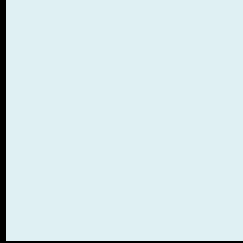
Large Text (above 18pt) WCAG AA × Fail

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 235.2590, -11.0950, -2.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

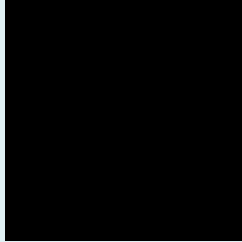
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

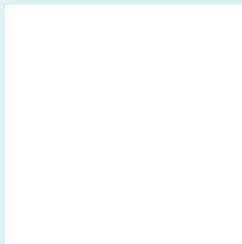
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.2590, -11.0950, -2.6710

Background



This preview shows how black text looks on a background with the YIQ color 235.2590, -11.0950, -2.6710.



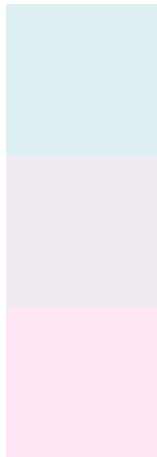
This preview shows how white text looks on a background with the YIQ color 235.2590, -11.0950, -2.6710.

-2.6710.

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

235.2590, -11.0950, -2.6710

Protanopia

236.7660, 0.7790, 2.4030

Deuteranopia

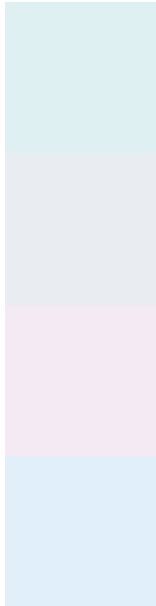
239.1850, 10.0850, 9.9650



Tritanopia

236.3500, -12.6090, 2.7430

Trichromacy



Original Color

235.2590, -11.0950, -2.6710

Protanomaly

236.2600, -3.6680, 0.3960

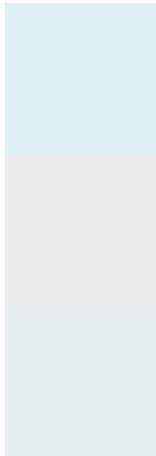
Deuteranomaly

237.8310, 2.1540, 5.0180

Tritanomaly

236.1820, -12.1960, 0.7640

Monochromacy



Original Color

235.2590, -11.0950, -2.6710

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.3200, -3.8970, -0.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.2590, -11.0950, -2.6710 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, 240, 243)` looks like.

```
.text, #text, p{  
    color:rgb(223, 240, 243)  
}
```

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, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 240, 243) }
```

Border

The CSS property to change the border of an element to YIQ 235.2590, -11.0950, -2.6710 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, 240, 243) }
```


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

```
.border{ border-color:rgb(223, 240, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(223, 240,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 235.2590, -11.0950, -2.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 240, 243) }
```

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

```
.background{ background-color: rgb(223,  
240, 243) }
```

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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