

Converting Colors

YIQ(236.9060, -11.5990,
-4.5510)

Have a look what the booklet for
YIQ(236.9060, -11.5990, -4.5510)
contains.

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Color

**YIQ(236.9060, -11.5990,
-4.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF3F2
RGB	223, 243, 242
RGB Percent	87%, 95%, 95%
CMY	0.1255, 0.0470, 0.0510
CMYK	0.08, 0.00, 0.00, 0.05
HSL	177°, 45%, 91%
HSV	177°, 8%, 95%
XYZ	78.5060, 86.2023, 96.4963
YIQ	236.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

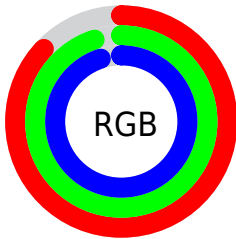
Format	Color
R _Y B	223, 233, 243
Decimal	14676978
CIE Lab	94.40, -6.73, -1.77
CIE LCh	94, 6.957, 194.705
Yxy	86.2023, 0.3006, 0.3300
Android (android.graphics.Color)	4292867058 (0xFFDFF3F2)
YUV	236.9060, 2.5113, -12.1956
Hunter-Lab	92.8452, -11.5470, 3.3701

Details

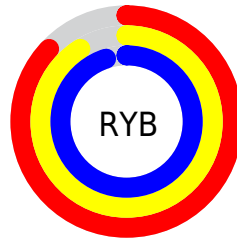
The YIQ color $236.9060, -11.5990, -4.5510$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.0940, 11.5990, 4.5510$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.2050, -11.0030, -4.3390$ is the 20% darker color. If you saturate the color by 10%, you get $229.6160, -25.5820, -9.9500$, and if you desaturate by 10%, it is $244.1960, 2.3840, 0.8480$.

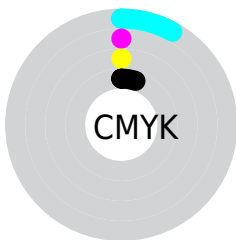
Distribution



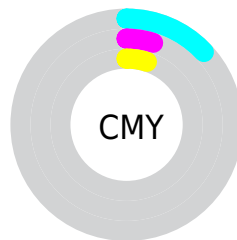
- Red (87%)
- Green (95%)
- Blue (95%)



- Red (87%)
- Yellow (91%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.9060, -11.5990, -4.5510 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 236.9060, -11.5990, -4.5510 by changing the saturation by 10% instead.

■ 236.9060,
-11.5990, -4.5510

■ 236.9060,
-11.5990, -4.5510

255.0000, -0.0000,
-0.0000

■ 208.9060,
-11.5990, -4.5510

■ 181.2050,
-11.0030, -4.3390

■ 154.2050,
-11.0030, -4.3390

■ 128.5040,
-10.4070, -4.1270

■ 102.9170,
-10.1320, -3.6040

■ 78.8030, -9.8110,
-3.9150

■ 56.1020, -9.2150,

-3.7030

■ 34.5150, -8.9400,
-3.1800

■ 13.2050, -11.0030,
-4.3390

■ 236.9060,
-11.5990, -4.5510

■ 236.9060,
-11.5990, -4.5510

■ 229.6160,
-25.5820, -9.9500

■ 244.1960, 2.3840,
0.8480

■ 222.0270,
-40.1610, -15.5610

■ 246.7020, 6.8310,
2.8550

■ 214.6230,
-53.8230, -21.2710

■ 246.9300, 6.1890,
3.4770

■ 207.3330,
-67.8060, -26.6700

■ 247.0440, 5.8680,
3.7880

■ 199.7440,
-82.3850, -32.2810

■ 247.1580, 5.5470,
4.0990

■ 192.4540,
-96.3680, -37.6800

■ 247.2720, 5.2260,
4.4100

■ 185.0500,
-110.0300, -43.3900

■ 247.5000, 4.5840,
5.0320

■ 177.7600,
-124.0130, -48.7890

■ 247.6140, 4.2630,
5.3430

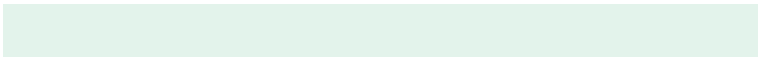
■ 170.1710,
-138.5920, -54.4000

■ 247.7280, 3.9420,
5.6540

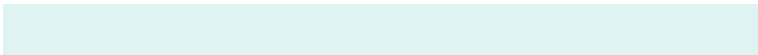
Harmonies

Analogous

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



237.3040, -6.9680, -5.8800



236.9060, -11.5990, -4.5510



237.3020, -12.6540, -1.9500

Triad

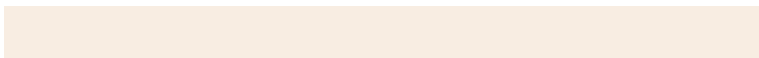
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.9060, -11.5990, -4.5510



239.7600, 0.9160, 5.4280



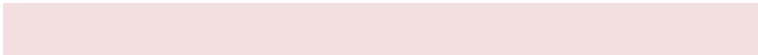
239.0350, 10.0870, -1.0890

Complementary

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



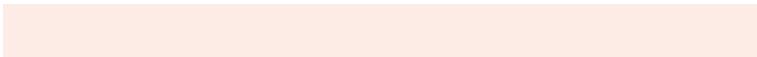
236.9060, -11.5990, -4.5510



229.0940, 11.5990, 4.5510

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.



239.8120, 12.3330, 2.2610



236.9060, -11.5990, -4.5510



240.6960, 6.9680, 5.8800

Square

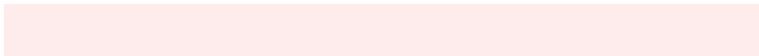
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.9060, -11.5990, -4.5510



238.9980, -5.6860, 3.9300



240.7950, 11.0030, 4.3390



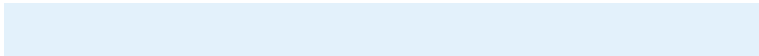
238.1160, 5.3650, -3.6190

Rectangle

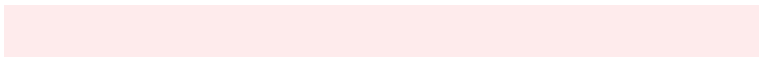
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



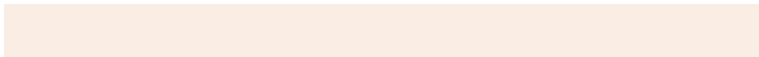
236.9060, -11.5990, -4.5510



237.9540, -11.5540, 0.1420



240.7950, 11.0030, 4.3390



239.7470, 10.9580, -0.3540

Sweetspot

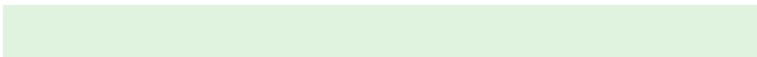
The Sweet Spot groups the original color and five complimentary colors.



236.9060, -11.5990, -4.5510



253.5050, -2.9800, -1.0600



235.0390, -4.9040, -10.2480



126.9890, -1.4670, -0.9470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

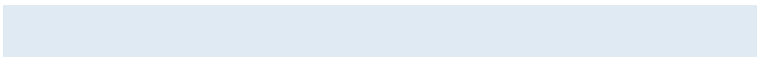
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.9060, -11.5990, -4.5510



247.4110, -14.5790, -5.6110



231.7370, -9.4450, 0.4670



118.4120, -7.1520, -2.5440



129.3600, -107.9670, -42.2310



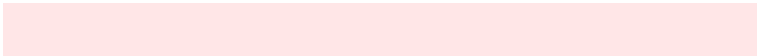
41.0170, -34.2010, -13.4410

Inverse Universe

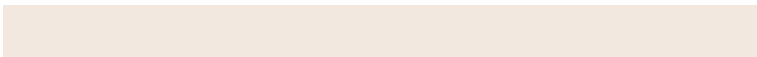
The Inverse Universe completely reimagines the original color for something new.



229.0940, 11.5990, 4.5510



237.5890, 14.5790, 5.6110



234.2630, 9.4450, -0.4670



113.7020, 6.8310, 2.8550



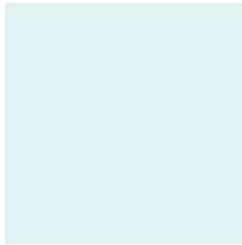
56.7540, 107.6460, 42.5420



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 236.9060, -11.5990, -4.5510 looks on a white background.

Color Contrast Check

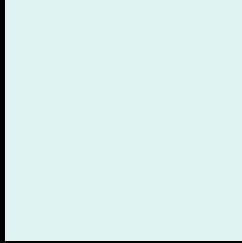
Large Text (above 18pt) WCAG AA × Fail

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 236.9060, -11.5990, -4.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

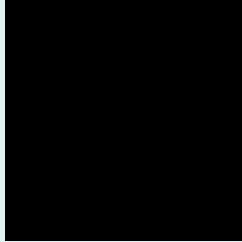
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

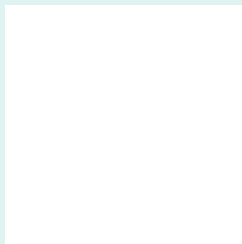
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.9060, -11.5990, -4.5510

Background



This preview shows how black text looks on a background with the YIQ color 236.9060, -11.5990, -4.5510.



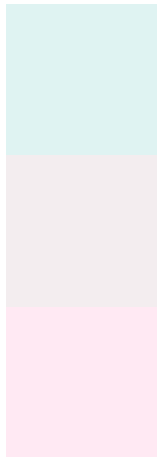
This preview shows how white text looks on a background with the YIQ color 236.9060, -11.5990, -4.5510.

-4.5510.

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

236.9060, -11.5990, -4.5510

Protanopia

239.0220, 2.9340, 1.8940

Deuteranopia

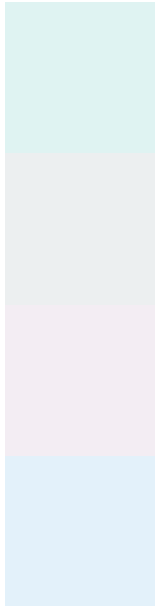
240.7180, 9.9020, 7.7740



Tritanopia

238.4210, -11.3710, 2.3330

Trichromacy



Original Color

236.9060, -11.5990, -4.5510

Protanomaly

238.2170, -2.1090, -0.3250

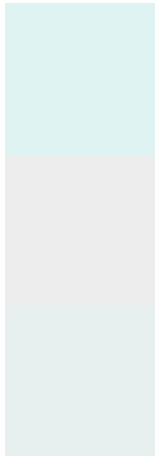
Deuteranomaly

239.4780, 1.6500, 3.1380

Tritanomaly

237.8400, -11.2330, -0.1690

Monochromacy



Original Color

236.9060, -11.5990, -4.5510

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.9070, -4.1720, -1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.9060, -11.5990, -4.5510 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, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(223, 243, 242)  
}
```

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, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 243, 242) }
```

Border

The CSS property to change the border of an element to YIQ 236.9060, -11.5990, -4.5510 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, 243, 242) }
```


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

```
.border{ border-color:rgb(223, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(223, 243,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 236.9060, -11.5990, -4.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 243, 242) }
```

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

```
.background{ background-color: rgb(223,  
243, 242) }
```

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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