

Converting Colors

YIQ(241.8660, 3.0730, -6.1350)

Have a look what the booklet for
YIQ(241.8660, 3.0730, -6.1350)
contains.

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Color

**YIQ(241.8660, 3.0730,
-6.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F5E4
RGB	241, 245, 228
RGB Percent	95%, 96%, 89%
CMY	0.0549, 0.0392, 0.1058
CMYK	0.02, 0.00, 0.07, 0.04
HSL	74°, 46%, 93%
HSV	74°, 7%, 96%
XYZ	82.9313, 89.6075, 86.3285
YIQ	241.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

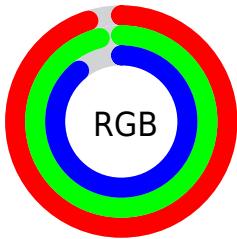
Format	Color
R_{YB}	228, 245, 232
Decimal	15857124
CIE _{Lab}	95.83, -4.26, 7.71
CIE _{LCh}	96, 8.806, 118.928
Yxy	89.6075, 0.3204, 0.3462
Android (android.graphics.Color)	4294047204 (0xFFFF1F5E4)
YUV	241.8660, -6.8359, -0.7595
Hunter-Lab	94.6612, -9.2760, 12.1920

Details

The YIQ color **241.8660, 3.0730, -6.1350** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **231.1340, -3.0730, 6.1350**, and the grayscale version is **242.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **185.9800, 2.7520, -5.8240** is the 20% darker color. If you saturate the color by 10%, you get **237.3360, 7.2010, -14.8710**, and if you desaturate by 10%, it is **246.5100, -1.3760, 2.9120**.

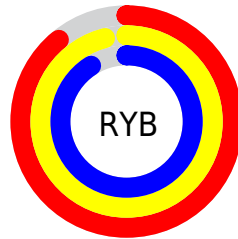
Distribution



Red (95%)

Green (96%)

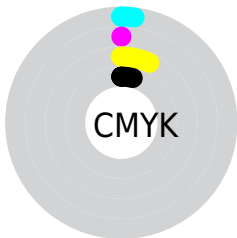
Blue (89%)



Red (89%)

Yellow (96%)

Blue (91%)

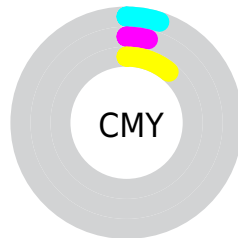


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (4%)



Cyan (5%)

Magenta (4%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.8660, 3.0730, -6.1350 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 241.8660, 3.0730, -6.1350 by changing the saturation by 10% instead.

■ 241.8660, 3.0730,
-6.1350

■ 241.8660, 3.0730,
-6.1350

255.0000, -0.0000,
-0.0000

■ 213.8660, 3.0730,
-6.1350

■ 185.9800, 2.7520,
-5.8240

■ 158.9800, 2.7520,
-5.8240

■ 132.9800, 2.7520,
-5.8240

■ 107.5070, 2.7060,
-4.9900

■ 83.2080, 2.1100,
-5.2020

■ 60.2080, 2.1100,

-5.2020

■ 38.6210, 2.3850,
-4.6790

■ 17.0510, 3.9900,
-6.2340

■ 241.8660, 3.0730,
-6.1350

■ 241.8660, 3.0730,
-6.1350

■ 237.3360, 7.2010,
-14.8710

■ 246.5100, -1.3760,
2.9120

■ 232.6920, 11.6500,
-23.9180

■ 248.5320, 1.5580,
4.8060

■ 228.4610, 16.3740,
-32.4420

■ 249.1300, 2.7500,
5.2300

■ 223.8170, 20.8230,
-41.4890

■ 219.2870, 24.9510,
-50.2250

■ 214.6430, 29.4000,
-59.2720

■ 210.4120, 34.1240,
-67.7960

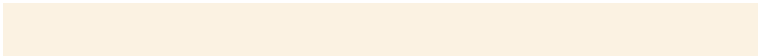
■ 205.7680, 38.5730,
-76.8430

■ 201.2380, 42.7010,
-85.5790

Harmonies

Analogous

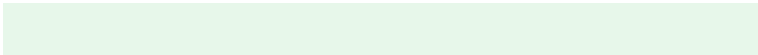
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.8670, 10.5000, -3.0680



241.8660, 3.0730, -6.1350



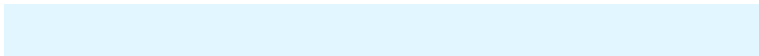
240.7340, -5.3630, -7.4350

Triad

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



241.8660, 3.0730, -6.1350



241.0460, -14.8090, -1.4410



243.1800, 8.4810, 5.9930

Complementary

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



241.8660, 3.0730, -6.1350



231.1340, -3.0730, 6.1350

Split Complementary

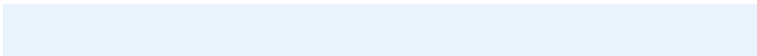
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.9670, 4.7670, 7.2230



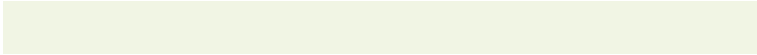
241.8660, 3.0730, -6.1350



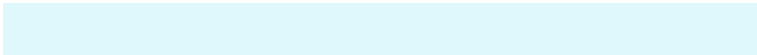
242.2640, -9.4910, 1.3010

Square

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



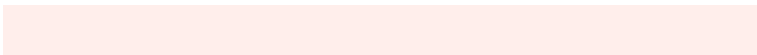
241.8660, 3.0730, -6.1350



240.5680, -16.4590, -4.5790



243.7920, -2.1100, 5.2020



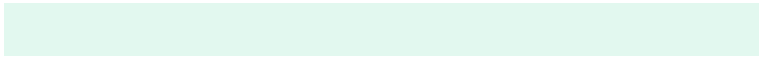
242.7410, 11.0950, 2.6710

Rectangle

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



241.8660, 3.0730, -6.1350



240.3960, -10.2230, -7.4630



243.7920, -2.1100, 5.2020



244.1090, 7.2430, 6.4030

Sweetspot

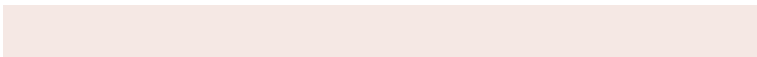
The Sweet Spot groups the original color and five complimentary colors.



241.8660, 3.0730, -6.1350



254.1310, 1.0090, -1.7670



235.4310, 9.0320, 1.5120



127.3590, 0.3670, -1.1450



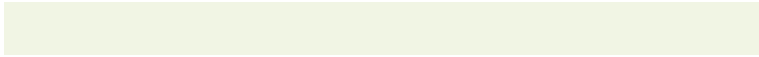
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



241.8660, 3.0730, -6.1350



251.2250, 3.4400, -7.2800



239.4740, -1.6950, -7.8310



120.0340, 2.6600, -4.1560



151.6400, 33.4820, -67.1740



48.0880, 10.5950, -21.3170

Inverse Universe

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



231.1340, -3.0730, 6.1350



238.4760, -4.0360, 7.0680



233.5260, 1.6950, 7.8310



112.2650, -2.0640, 4.3680



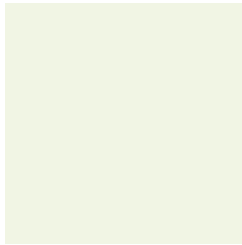
34.3600, -33.4820, 67.1740



10.9120, -10.5950, 21.3170

Previews

White Background



This preview shows how the YIQ color 241.8660, 3.0730, -6.1350 looks on a white background.

Color Contrast Check

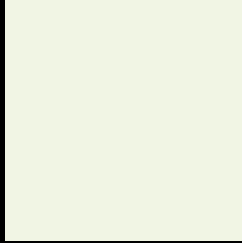
Large Text (above 18pt) WCAG AA × Fail

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 241.8660, 3.0730, -6.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

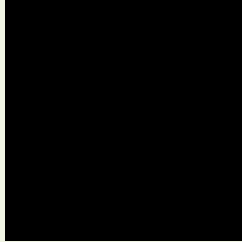
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

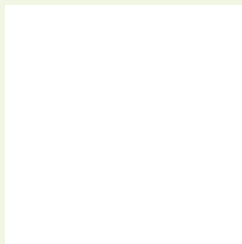
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.8660, 3.0730, -6.1350

Background



This preview shows how black text looks on a background with the YIQ color 241.8660, 3.0730, -6.1350.



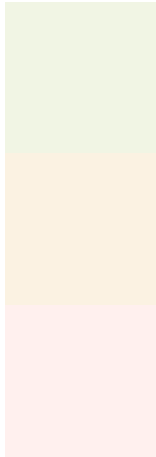
This preview shows how white text looks on a background with the YIQ color 241.8660, 3.0730, -6.1350.

-6.1350.

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

241.8660, 3.0730, -6.1350

Protanopia

242.8670, 10.5000, -3.0680

Deuteranopia

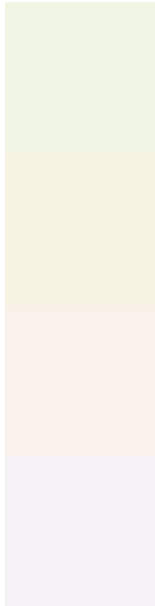
244.2570, 9.5820, 2.5580



Tritanopia

243.7920, -2.1100, 5.2020

Trichromacy



Original Color

241.8660, 3.0730, -6.1350

Protanomaly

242.3720, 7.5200, -4.1280

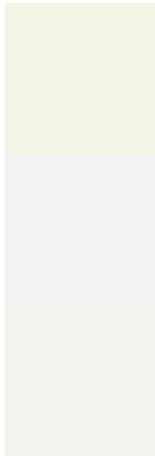
Deuteranomaly

243.4800, 7.3360, -0.7920

Tritanomaly

242.9400, 0.2290, 1.3570

Monochromacy



Original Color

241.8660, 3.0730, -6.1350

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.8660, 3.0730, -6.1350 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(241, 245, 228)` looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 228)  
}
```

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(241, 245, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 228) }
```

Border

The CSS property to change the border of an element to YIQ 241.8660, 3.0730, -6.1350 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(241, 245, 228) }
```


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

```
.border{ border-color:rgb(241, 245, 228) }
```

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

Here you see how a box with a 4 pixel rgb(241, 245, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 228);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 241.8660, 3.0730, -6.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 245, 228) }
```

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

```
.background{ background-color: rgb(241,  
245, 228) }
```

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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