

Converting Colors

YIQ(246.0560, -3.5740,
-12.3260)

Have a look what the booklet for
YIQ(246.0560, -3.5740, -12.3260)
contains.

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Color

**YIQ(246.0560, -3.5740,
-12.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFFE5
RGB	235, 255, 229
RGB Percent	92%, 100%, 90%
CMY	0.0785, 0.0000, 0.1019
CMYK	0.08, 0.00, 0.10, 0.00
HSL	106°, 100%, 95%
HSV	106°, 10%, 100%
XYZ	84.1586, 94.8366, 87.9995
YIQ	246.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

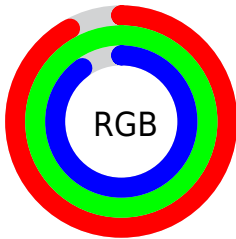
Format	Color
R _Y B	229, 255, 249
Decimal	15466469
CIE Lab	97.97, -11.11, 10.20
CIE LCh	98, 15.086, 137.454
Yxy	94.8366, 0.3152, 0.3552
Android (android.graphics.Color)	4293656549 (0xFFEBFFE5)
YUV	246.0560, -8.4086, -9.6961
Hunter-Lab	97.3841, -16.1637, 14.5924

Details

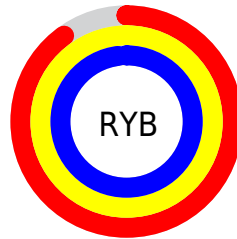
The YIQ color $246.0560, -3.5740, -12.3260$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $237.9440, 3.5740, 12.3260$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.5830, -3.6200, -11.4920$ is the 20% darker color. If you saturate the color by 10%, you get $237.2260, -7.4690, -24.3410$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

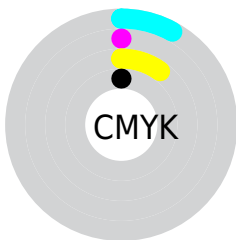
Distribution



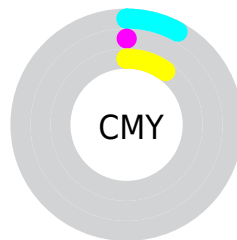
- Red (92%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 246.0560, -3.5740, -12.3260 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 246.0560, -3.5740, -12.3260 by changing the saturation by 10% instead.

 246.0560, -3.5740,
-12.3260


 246.0560, -3.5740,
-12.3260


255.0000, -0.0000,
-0.0000


 217.4690, -3.2990,
-11.8030

 189.5830, -3.6200,
-11.4920

 162.5830, -3.6200,
-11.4920

 135.9960, -3.3450,
-10.9690

 110.9960, -3.3450,
-10.9690

 86.5230, -3.3910,
-10.1350

 62.9360, -3.1160,

-9.6120

■ 41.0500, -3.4370,
-9.3010

■ 19.8930, -1.5570,
-10.3330

■ 246.0560, -3.5740,
-12.3260

■ 246.0560, -3.5740,
-12.3260

■ 237.2260, -7.4690,
-24.3410

255.0000, -0.0000,
-0.0000

■ 228.5810,
-10.4470, -36.4550

■ 219.7510,
-14.3420, -48.4700

■ 210.8070,
-17.9160, -60.7960

■ 202.2760,
-21.2150, -72.5990

■ 193.3320,
-24.7890, -84.9250

■ 184.8010,
-28.0880, -96.7280

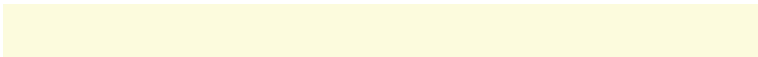
■ 175.8570,
-31.6620, -109.0540

■ 167.3260,
-34.9610, -120.8570

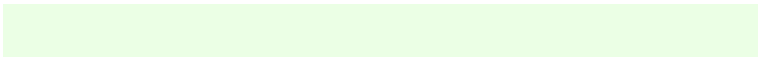
Harmonies

Analogous

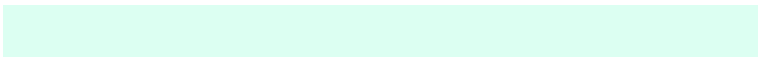
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.8790, 10.2260, -9.1180



246.0560, -3.5740, -12.3260



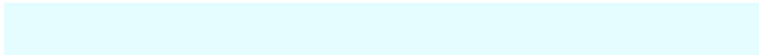
243.0530, -16.6870, -11.4630

Triad

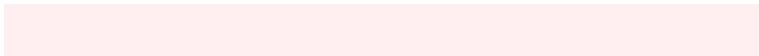
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.0560, -3.5740, -12.3260



244.8670, -15.8630, -4.3670



244.0120, 8.8940, 4.0140

Complementary

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



246.0560, -3.5740, -12.3260



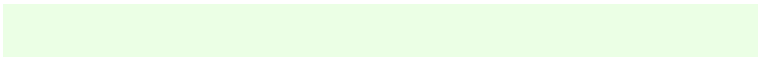
237.9440, 3.5740, 12.3260

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.



246.1950, 4.1250, 7.8450



246.0560, -3.5740, -12.3260



247.0150, -4.3560, 1.8520

Square

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



246.0560, -3.5740, -12.3260



243.0400, -23.8400, -8.4800



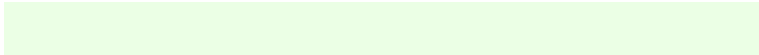
247.9560, 3.3000, 6.2760



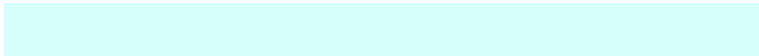
244.2910, 12.2420, -1.5980

Rectangle

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



246.0560, -3.5740, -12.3260



242.3990, -23.4730, -9.6250



247.9560, 3.3000, 6.2760



244.5820, 7.2890, 5.5690

Sweetspot

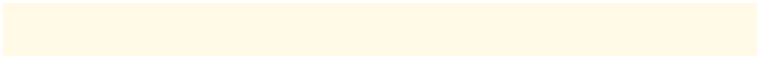
The Sweet Spot groups the original color and five complimentary colors.



246.0560, -3.5740, -12.3260



252.2940, -1.0080, -3.7600



248.5140, 9.9960, -4.9480



126.1200, -0.4580, -2.7140



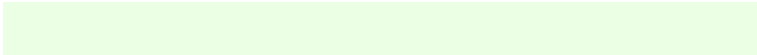
0.0000, 0.0000, 0.0000



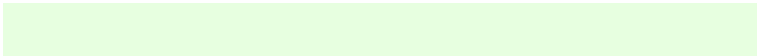
128.0000, -0.0000, -0.0000

Same Dimension

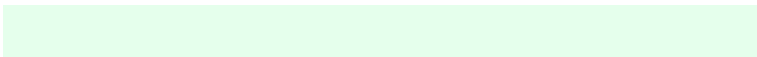
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.0560, -3.5740, -12.3260



244.2900, -4.3530, -14.7290



245.0600, -9.3970, -11.4210



123.5280, -1.7870, -6.1630



125.2730, -26.3010, -90.5650



42.0530, -8.6600, -30.2920

Inverse Universe

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



237.9440, 3.5740, 12.3260



234.7100, 4.3530, 14.7290



238.9400, 9.3970, 11.4210



119.4720, 1.7870, 6.1630



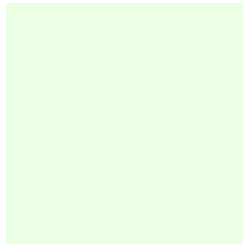
65.7270, 26.3010, 90.5650



21.9470, 8.6600, 30.2920

Previews

White Background



This preview shows how the YIQ color 246.0560, -3.5740, -12.3260 looks on a white background.

Color Contrast Check

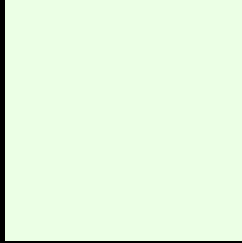
Large Text (above 18pt) WCAG AA × Fail

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 246.0560, -3.5740, -12.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

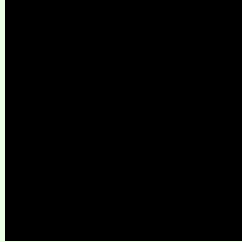
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

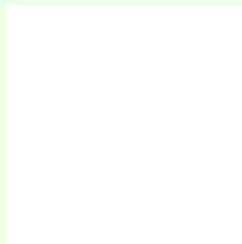
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.0560, -3.5740, -12.3260

Background



This preview shows how black text looks on a background with the YIQ color 246.0560, -3.5740, -12.3260.



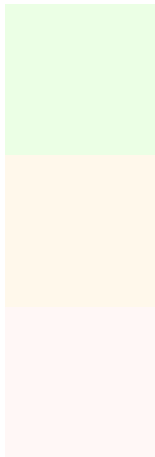
This preview shows how white text looks on a background with the YIQ color 246.0560, -3.5740,

-12.3260.

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

246.0560, -3.5740, -12.3260

Protanopia

248.6110, 8.3450, -2.5590

Deuteranopia

249.2780, 5.0890, 1.3850

Tritanopia

249.0860, -3.1180, 1.4420

Trichromacy



Original Color

246.0560, -3.5740, -12.3260

Protanomaly

248.0510, 3.9900, -6.2340

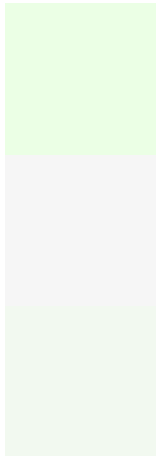
Deuteranomaly

248.2620, 2.0180, -3.5340

Tritanomaly

248.0380, -3.1630, -3.2510

Monochromacy



Original Color

246.0560, -3.5740, -12.3260

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

245.8810, -1.2830, -4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.0560, -3.5740, -12.3260 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(235, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 229)  
}
```

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(235, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 229) }
```

Border

The CSS property to change the border of an element to YIQ 246.0560, -3.5740, -12.3260 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(235, 255, 229) }
```


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

```
.border{ border-color:rgb(235, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 246.0560, -3.5740, -12.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 229) }
```

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

```
.background{ background-color: rgb(235,  
255, 229) }
```

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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