

Converting Colors

YIQ(240.0990, -5.1330,
-11.6050)

Have a look what the booklet for
YIQ(240.0990, -5.1330, -11.6050)
contains.

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Color

**YIQ(240.0990, -5.1330,
-11.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F9E2
RGB	228, 249, 226
RGB Percent	89%, 98%, 89%
CMY	0.1059, 0.0235, 0.1137
CMYK	0.08, 0.00, 0.09, 0.02
HSL	115°, 66%, 93%
HSV	115°, 9%, 98%
XYZ	79.5955, 89.7390, 85.0773
YIQ	240.0990, -5.1330, -11.6050

Conversions

Conversions Part 2

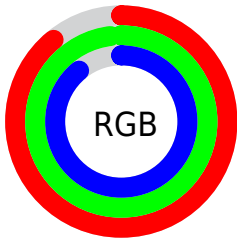
Format	Color
R _Y B	226, 249, 247
Decimal	15006178
CIE Lab	95.89, -10.99, 8.70
CIE LCh	96, 14.017, 141.631
Yxy	89.7390, 0.3129, 0.3527
Android (android.graphics.Color)	4293196258 (0xFFE4F9E2)
YUV	240.0990, -6.9508, -10.6108
Hunter-Lab	94.7307, -15.7978, 13.0634

Details

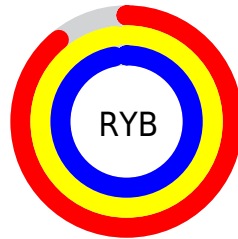
The YIQ color $240.0990, -5.1330, -11.6050$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.9010, 5.1330, 11.6050$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.5120, -4.8580, -11.0820$ is the 20% darker color. If you saturate the color by 10%, you get $230.3720, -10.8160, -24.2560$, and if you desaturate by 10%, it is $249.8260, 0.5500, 1.0460$.

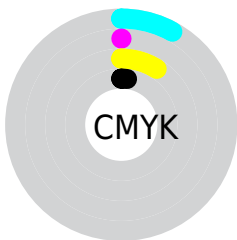
Distribution



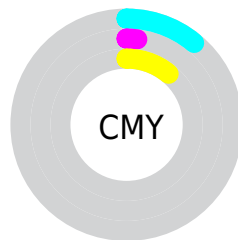
- Red (89%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.0990, -5.1330, -11.6050 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 240.0990, -5.1330, -11.6050 by changing the saturation by 10% instead.

■ 240.0990, -5.1330,
-11.6050

■ 240.0990, -5.1330,
-11.6050

255.0000, -0.0000,
-0.0000

■ 211.5120, -4.8580,
-11.0820

■ 184.2130, -5.4540,
-11.2940

■ 156.9250, -4.5830,
-10.5590

■ 131.0390, -4.9040,
-10.2480

■ 106.0390, -4.9040,
-10.2480

■ 81.4520, -4.6290,
-9.7250

■ 58.8650, -4.3540,

-9.2020

■ 36.3920, -4.4000,
-8.3680

■ 14.9850, -4.8120,
-11.9160

■ 240.0990, -5.1330,
-11.6050

■ 240.0990, -5.1330,
-11.6050

■ 230.3720,
-10.8160, -24.2560

■ 249.8260, 0.5500,
1.0460

■ 220.6450,
-16.4990, -36.9070

■ 251.4780, 1.6500,
3.1380

■ 211.2170,
-21.5860, -49.3460

■ 201.4900,
-27.2690, -61.9970

■ 191.7630,
-32.9520, -74.6480

■ 182.1500,
-38.9560, -86.9880

■ 172.7220,
-44.0430, -99.4270

■ 162.9950,
-49.7260, -112.0780

■ 153.2680,
-55.4090, -124.7290

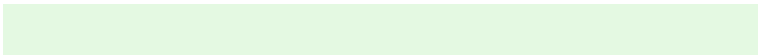
Harmonies

Analogous

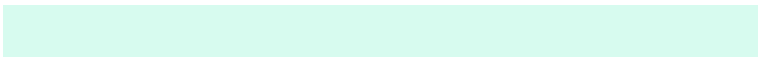
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.6230, 8.0710, -8.6090



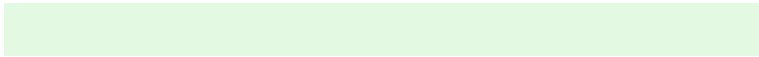
240.0990, -5.1330, -11.6050



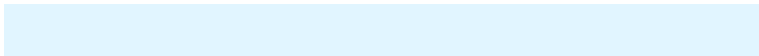
238.8680, -17.6040, -11.3640

Triad

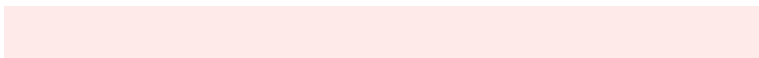
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.0990, -5.1330, -11.6050



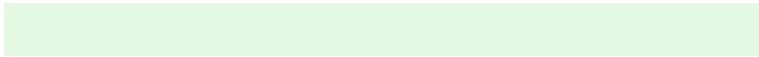
240.1600, -15.1300, -1.1300



240.2790, 12.5160, 4.4520

Complementary

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



240.0990, -5.1330, -11.6050



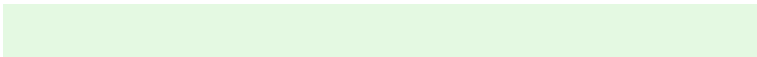
234.9010, 5.1330, 11.6050

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.



241.8750, 8.0220, 8.8060



240.0990, -5.1330, -11.6050



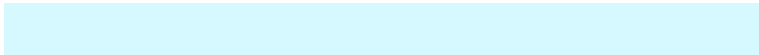
242.5960, -4.4940, 4.3540

Square

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



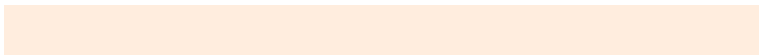
240.0990, -5.1330, -11.6050



238.9200, -23.3820, -5.7660



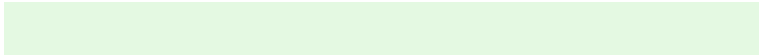
244.4340, 4.9500, 9.4140



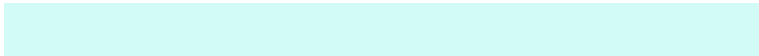
240.6720, 15.5430, -0.8490

Rectangle

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



240.0990, -5.1330, -11.6050



238.3990, -23.4730, -9.6250



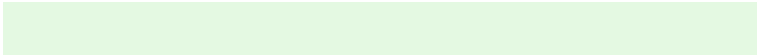
244.4340, 4.9500, 9.4140



240.7350, 11.2320, 5.6960

Sweetspot

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



240.0990, -5.1330, -11.6050



251.9950, -1.6040, -3.9720



245.2040, 7.9330, -6.1070



125.8210, -1.0540, -2.9260



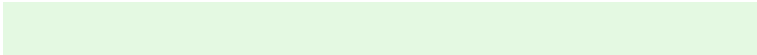
0.0000, 0.0000, 0.0000



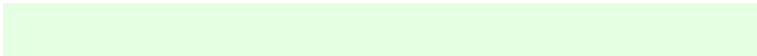
128.0000, -0.0000, -0.0000

Same Dimension

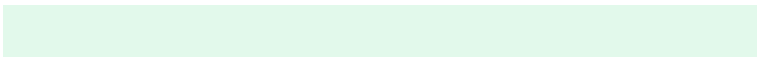
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.0990, -5.1330, -11.6050



244.0340, -6.5080, -14.2200



240.5270, -9.2140, -9.2300



120.2290, -2.3830, -6.3750



115.7270, -42.4390, -95.4550



37.3020, -13.7950, -30.8430

Inverse Universe

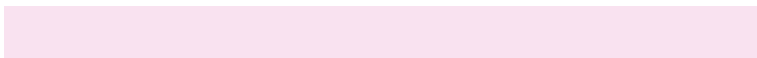
The Inverse Universe completely reimagines the original color for something new.



234.9010, 5.1330, 11.6050



237.9660, 6.5080, 14.2200



234.4730, 9.2140, 9.2300



117.0700, 2.9790, 6.5870



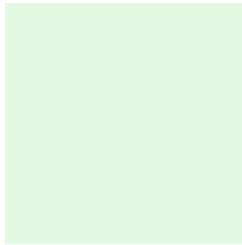
72.9740, 41.8430, 95.2430



23.6980, 13.7950, 30.8430

Previews

White Background



This preview shows how the YIQ color 240.0990, -5.1330, -11.6050 looks on a white background.

Color Contrast Check

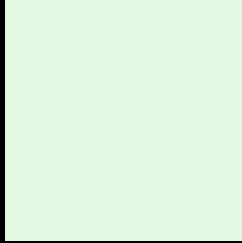
Large Text (above 18pt) WCAG AA × Fail

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 240.0990, -5.1330, -11.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

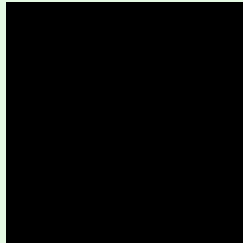
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

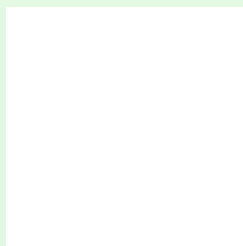
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.0990, -5.1330, -11.6050

Background



This preview shows how black text looks on a background with the YIQ color 240.0990, -5.1330, -11.6050.



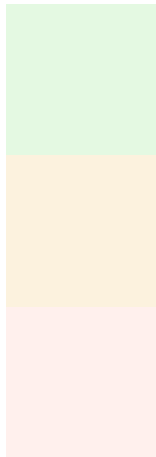
This preview shows how white text looks on a background with the YIQ color 240.0990, -5.1330,

-11.6050.

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

240.0990, -5.1330, -11.6050

Protanopia

242.7100, 12.3800, -4.1000

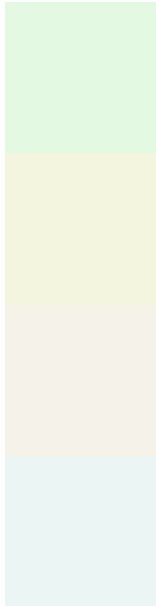
Deuteranopia

244.1430, 9.9030, 2.2470

Tritanopia

242.8730, -6.8320, 2.6720

Trichromacy



Original Color

240.0990, -5.1330, -11.6050

Protanomaly

241.8940, 5.8700, -7.2660

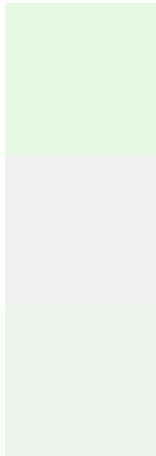
Deuteranomaly

242.4580, 4.4020, -2.6860

Tritanomaly

241.5970, -6.2350, -2.6430

Monochromacy



Original Color

240.0990, -5.1330, -11.6050

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.9950, -1.6040, -3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.0990, -5.1330, -11.6050 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(228, 249, 226)` looks like.

```
.text, #text, p{  
    color:rgb(228, 249, 226)  
}
```

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(228, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 249, 226) }
```

Border

The CSS property to change the border of an element to YIQ 240.0990, -5.1330, -11.6050 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(228, 249, 226) }
```


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

```
.border{ border-color:rgb(228, 249, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 249, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 249, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 249, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 249,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 240.0990, -5.1330, -11.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 249, 226) }
```

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

```
.background{ background-color: rgb(228,  
249, 226) }
```

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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