

Converting Colors

YIQ(230.6700, 25.9110,
-34.5770)

Have a look what the booklet for
YIQ(230.6700, 25.9110, -34.5770)
contains.

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Color

**YIQ(230.6700, 25.9110,
-34.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	EA68F
RGB	234, 246, 143
RGB Percent	92%, 96%, 56%
CMY	0.0824, 0.0353, 0.4390
CMYK	0.05, 0.00, 0.42, 0.04
HSL	67°, 85%, 76%
HSV	67°, 42%, 96%
XYZ	71.8426, 85.3874, 38.7000
YIQ	230.6700, 25.9110, -34.5770

Conversions

Conversions Part 2

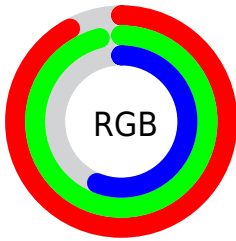
Format	Color
R_{YB}	143, 246, 155
Decimal	15398543
CIE _{Lab}	94.05, -18.89, 48.07
CIE _{LCh}	94, 51.649, 111.455
Yxy	85.3874, 0.3667, 0.4358
Android (android.graphics.Color)	4293588623 (0xFFEAF68F)
YUV	230.6700, -43.2213, 2.9204
Hunter-Lab	92.4053, -22.9305, 39.8526

Details

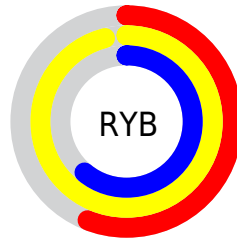
The YIQ color $230.6700, 25.9110, -34.5770$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $158.3300, -25.9110, 34.5770$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5020, 18.2970, -17.7270$, and $174.7130, 24.3520, -33.8560$ is the 20% darker color. If you saturate the color by 10%, you get $226.9230, 32.1480, -42.9880$, and if you desaturate by 10%, it is $234.4170, 19.6740, -26.1660$.

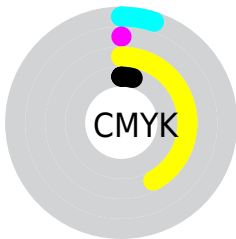
Distribution



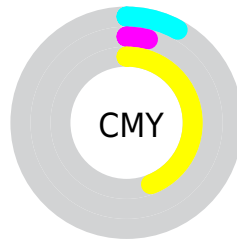
- Red (92%)
- Green (96%)
- Blue (56%)



- Red (56%)
- Yellow (96%)
- Blue (61%)



- Cyan (5%)
- Magenta (0%)
- Yellow (42%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.6700, 25.9110, -34.5770 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 230.6700, 25.9110, -34.5770 by changing the saturation by 10% instead.

230.6700, 25.9110,
-34.5770

230.6700, 25.9110,
-34.5770

255.0000, -0.0000,
-0.0000

202.4850, 24.9940,
-34.4780

248.5020, 18.2970,
-17.7270

174.7130, 24.3520,
-33.8560

251.8080, 8.9880,
-8.7080

147.6420, 23.1140,
-33.4460

121.3430, 22.5180,
-33.6580

94.3600, 23.8480,
-35.7360

71.9990, 17.7950,
-30.6610

50.4360, 9.4950,

-23.4090

■ 29.7480, 0.0490,
-17.4150

■ 13.5010, -6.3250,
-12.0290

■ 230.6700, 25.9110,
-34.5770

■ 230.6700, 25.9110,
-34.5770

■ 226.9230, 32.1480,
-42.9880

■ 234.4170, 19.6740,
-26.1660

■ 223.2900, 38.0640,
-51.0880

■ 238.0500, 13.7580,
-18.0660

■ 219.5430, 44.3010,
-59.4990

■ 241.7970, 7.5210,
-9.6550

■ 215.9100, 50.2170,
-67.5990

■ 245.1310, 1.0090,
-1.7670

■ 212.4620, 57.0500,
-75.7980

■ 247.6240, -1.6970,
3.2230

■ 209.2850, 61.6820,
-82.6540

■ 248.5210, 0.0910,
3.8590

■ 249.4180, 1.8790,
4.4950

■ 249.7170, 2.4750,
4.7070

Harmonies

Analogous

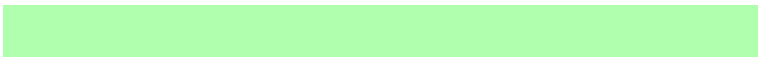
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.1010, 44.1110, -23.0010



230.6700, 25.9110, -34.5770



222.1450, -21.0830, -41.9390

Triad

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



230.6700, 25.9110, -34.5770



178.7550, -151.9800, -54.0600



222.6010, 15.4460, 28.4540

Complementary

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



230.6700, 25.9110, -34.5770



158.3300, -25.9110, 34.5770

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.



229.7590, 11.8250, 22.4890



230.6700, 25.9110, -34.5770



214.4240, -69.3200, -21.2560

Square

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



230.6700, 25.9110, -34.5770



178.7550, -151.9800, -54.0600



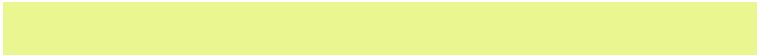
230.4580, -12.7930, 6.0790



216.9010, 31.4960, 12.9040

Rectangle

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



230.6700, 25.9110, -34.5770



212.5230, -57.2580, -41.6260



230.4580, -12.7930, 6.0790



224.4760, 14.3000, 27.1960

Sweetspot

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



230.6700, 25.9110, -34.5770



250.0420, 8.2090, -11.1110



180.8410, 58.0880, 15.5600



124.7090, 4.9530, -7.1670



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

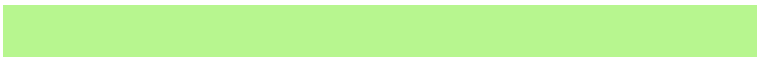
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6700, 25.9110, -34.5770



236.0370, 31.8270, -42.6770



215.4210, -4.4850, -45.3890



120.3330, 3.2560, -3.9440



158.2180, 46.5940, -62.5100



50.1810, 14.7670, -19.8330

Inverse Universe

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



158.3300, -25.9110, 34.5770



146.6640, -32.4230, 42.4650



173.8780, 5.0810, 45.6010



111.9660, -2.6600, 4.1560



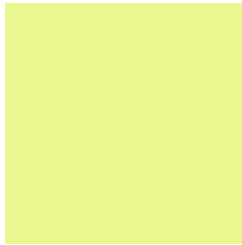
27.7820, -46.5940, 62.5100



8.8190, -14.7670, 19.8330

Previews

White Background



This preview shows how the YIQ color 230.6700, 25.9110, -34.5770 looks on a white background.

Color Contrast Check

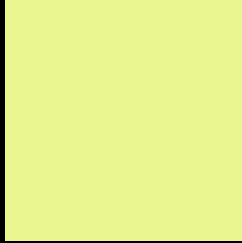
Large Text (above 18pt) WCAG AA × Fail

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 230.6700, 25.9110, -34.5770 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 230.6700, 25.9110, -34.5770

Background



This preview shows how black text looks on a background with the YIQ color 230.6700, 25.9110, -34.5770.



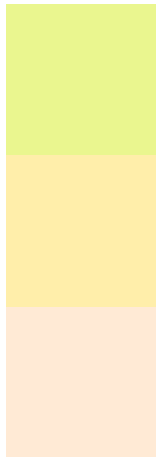
This preview shows how white text looks on a background with the YIQ color 230.6700, 25.9110,

-34.5770.

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

230.6700, 25.9110, -34.5770

Protanopia

235.3310, 31.9600, -17.5440

Deuteranopia

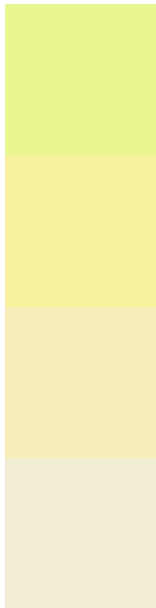
237.8850, 19.2570, -2.0790



Tritanopia

239.3520, 2.2450, 8.8770

Trichromacy



Original Color

230.6700, 25.9110, -34.5770

Protanomaly

233.5600, 29.5770, -23.9190

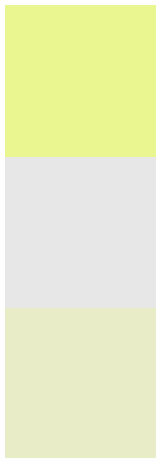
Deuteranomaly

234.9910, 21.4140, -13.6420

Tritanomaly

236.2320, 10.7300, -7.2380

Monochromacy



Original Color

230.6700, 25.9110, -34.5770

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.5860, 9.4930, -12.3550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.6700, 25.9110, -34.5770 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(234, 246, 143)` looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 143)  
}
```

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(234, 246, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 143) }
```

Border

The CSS property to change the border of an element to YIQ 230.6700, 25.9110, -34.5770 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(234, 246, 143) }
```


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

```
.border{ border-color:rgb(234, 246, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 246, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 246, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 246, 143); box-shadow:4px 4px 4px 4px rgb(234, 246, 143) }
```

Background

The CSS property to change the background color of an element to YIQ 230.6700, 25.9110, -34.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 143) }
```

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

```
.background{ background-color: rgb(234,  
246, 143) }
```

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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