

Converting Colors

YIQ(235.3060, 25.0810, -8.5110)

Have a look what the booklet for
YIQ(235.3060, 25.0810, -8.5110)
contains.

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Color

**YIQ(235.3060, 25.0810,
-8.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEAC1
RGB	254, 234, 193
RGB Percent	100%, 92%, 76%
CMY	0.0039, 0.0824, 0.2430
CMYK	0.00, 0.08, 0.24, 0.00
HSL	40°, 97%, 88%
HSV	40°, 24%, 100%
XYZ	79.9249, 83.7644, 62.4273
YIQ	235.3060, 25.0810, -8.5110

Conversions

Conversions Part 2

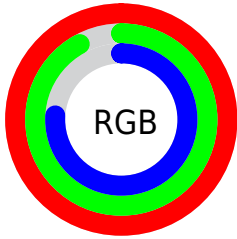
Format	Color
R _Y B	223, 254, 193
Decimal	16706241
CIE Lab	93.35, 0.61, 22.38
CIE LCh	93, 22.389, 88.440
Yxy	83.7644, 0.3535, 0.3704
Android (android.graphics.Color)	4294896321 (0xFFFEAC1)
YUV	235.3060, -20.8569, 16.3946
Hunter-Lab	91.5229, -4.2851, 23.6246

Details

The YIQ color $235.3060, 25.0810, -8.5110$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $211.6940, -25.0810, 8.5110$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.4300, 1.6050, -1.5550$, and $179.2350, 23.8430, -8.1010$ is the 20% darker color. If you saturate the color by 10%, you get $227.7600, 35.3060, -12.1020$, and if you desaturate by 10%, it is $242.8520, 14.8560, -4.9200$.

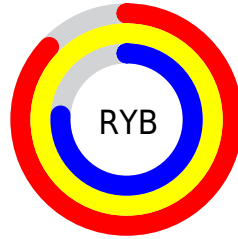
Distribution



Red (100%)

Green (92%)

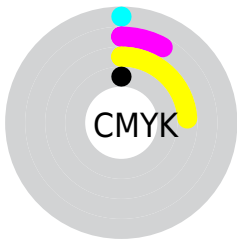
Blue (76%)



Red (87%)

Yellow (100%)

Blue (76%)

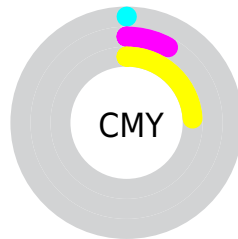


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.3060, 25.0810, -8.5110 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 235.3060, 25.0810, -8.5110 by changing the saturation by 10% instead.

235.3060, 25.0810,
-8.5110

235.3060, 25.0810,
-8.5110

255.0000, -0.0000,
-0.0000

207.1210, 24.1640,
-8.4120

254.4300, 1.6050,
-1.5550

179.2350, 23.8430,
-8.1010

152.7510, 22.3300,
-8.2140

126.5660, 21.4130,
-8.1150

101.3810, 20.4960,
-8.0160

77.3100, 19.2580,
-7.6060

53.8260, 17.7450,

-7.7190

■ 32.5270, 17.1490,
-7.9310

■ 11.8390, 7.7030,
-1.9370

■ 235.3060, 25.0810,
-8.5110

■ 235.3060, 25.0810,
-8.5110

■ 227.7600, 35.3060,
-12.1020

■ 242.8520, 14.8560,
-4.9200

■ 219.5130, 46.1270,
-15.4810

■ 251.0990, 4.0350,
-1.5410

■ 211.9670, 56.3520,
-19.0720

254.7010, -0.5960,
-0.2120

■ 204.3070, 66.8980,
-22.9740

■ 196.1740, 77.3980,
-26.0420

■ 188.6280, 87.6230,
-29.6330

■ 180.9680, 98.1690,
-33.5350

■ 176.3230,
104.3590, -35.5850

Harmonies

Analogous

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



232.2940, 25.3550, -2.4610



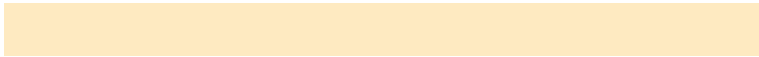
235.3060, 25.0810, -8.5110



232.8090, 7.2470, -15.7050

Triad

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



235.3060, 25.0810, -8.5110



227.8680, -43.9670, -12.6630



236.8030, 8.5250, 16.2130

Complementary

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



235.3060, 25.0810, -8.5110



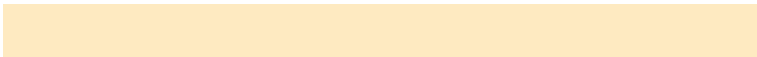
211.6940, -25.0810, 8.5110

Split Complementary

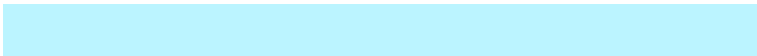
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.8290, -3.5320, 8.9480



235.3060, 25.0810, -8.5110



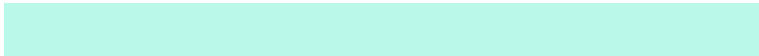
228.2110, -37.5030, -8.6630

Square

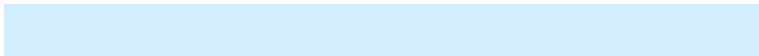
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.3060, 25.0810, -8.5110



227.8660, -32.4580, -17.4980



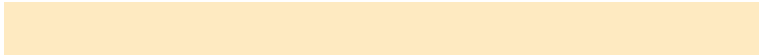
231.5660, -22.1450, -0.6490



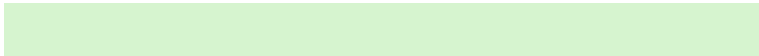
233.1040, 14.8070, 12.4950

Rectangle

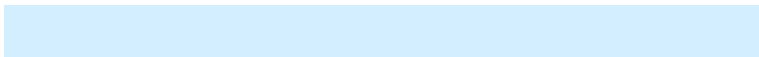
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.3060, 25.0810, -8.5110



230.8120, -6.0030, -17.8670



231.5660, -22.1450, -0.6490



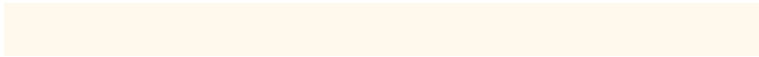
237.9770, 7.9750, 15.1670

Sweetspot

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



235.3060, 25.0810, -8.5110



249.4260, 7.4280, -2.4600



213.5190, 29.9360, 19.1520



124.3980, 4.6310, -1.3290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

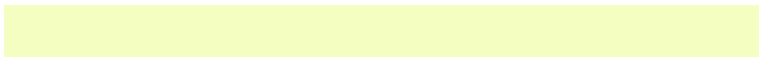
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.3060, 25.0810, -8.5110



232.4760, 30.3540, -10.4620



244.0560, 13.6210, -21.0910



123.5830, 5.5480, -1.4280



132.2450, 78.6360, -26.4520



44.3770, 26.3190, -8.9210

Inverse Universe

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



211.6940, -25.0810, 8.5110



203.5240, -30.3540, 10.4620



202.9440, -13.6210, 21.0910



118.8300, -5.2730, 1.9510



58.7550, -78.6360, 26.4520



19.6230, -26.3190, 8.9210

Previews

White Background



This preview shows how the YIQ color 235.3060, 25.0810, -8.5110 looks on a white background.

Color Contrast Check

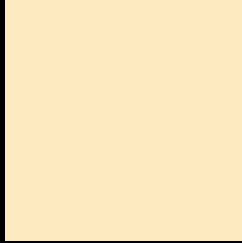
Large Text (above 18pt) WCAG AA × Fail

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 235.3060, 25.0810, -8.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

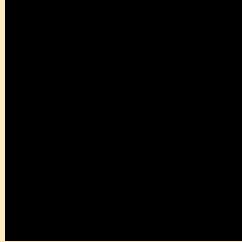
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.3060, 25.0810, -8.5110

Background



This preview shows how black text looks on a background with the YIQ color 235.3060, 25.0810, -8.5110.



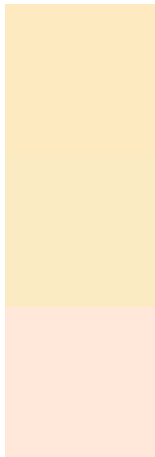
This preview shows how white text looks on a background with the YIQ color 235.3060, 25.0810, -8.5110.

-8.5110.

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

235.3060, 25.0810, -8.5110

Protanopia

234.8110, 22.1010, -9.5710

Deuteranopia

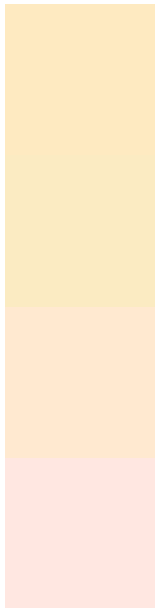
237.1670, 18.5230, 0.2110



Tritanopia

238.3700, 11.0020, 9.8660

Trichromacy



Original Color

235.3060, 25.0810, -8.5110

Protanomaly

235.1100, 22.6970, -9.3590

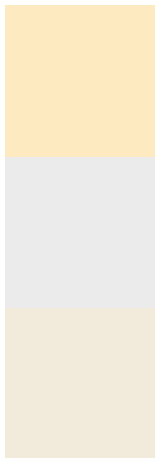
Deuteranomaly

236.7280, 21.1370, -3.1110

Tritanomaly

237.4920, 16.2300, 3.2220

Monochromacy



Original Color

235.3060, 25.0810, -8.5110

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.3830, 8.9870, -3.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.3060, 25.0810, -8.5110 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(254, 234, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 193)  
}
```

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(254, 234, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 193) }
```

Border

The CSS property to change the border of an element to YIQ 235.3060, 25.0810, -8.5110 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(254, 234, 193) }
```


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

```
.border{ border-color:rgb(254, 234, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 235.3060, 25.0810, -8.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 193) }
```

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

```
.background{ background-color: rgb(254,  
234, 193) }
```

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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