

Converting Colors

YIQ(236.0310, -2.4260,
-22.1220)

Have a look what the booklet for
YIQ(236.0310, -2.4260, -22.1220)
contains.

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Color

**YIQ(236.0310, -2.4260,
-22.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFBC9
RGB	220, 251, 201
RGB Percent	86%, 98%, 79%
CMY	0.1374, 0.0156, 0.2117
CMYK	0.12, 0.00, 0.20, 0.02
HSL	97°, 86%, 89%
HSV	97°, 20%, 98%
XYZ	74.5518, 88.4313, 68.4026
YIQ	236.0310, -2.4260, -22.1220

Conversions

Conversions Part 2

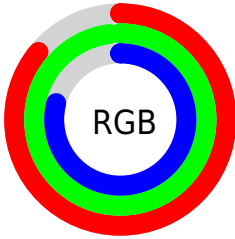
Format	Color
R _Y B	201, 251, 232
Decimal	14482377
CIE Lab	95.34, -18.81, 20.68
CIE LCh	95, 27.952, 132.287
Yxy	88.4313, 0.3222, 0.3822
Android (android.graphics.Color)	4292672457 (0xFFDCFBC9)
YUV	236.0310, -17.2703, -14.0592
Hunter-Lab	94.0379, -23.0543, 22.6994

Details

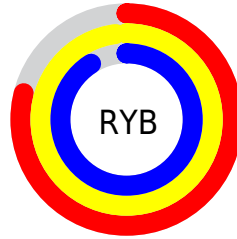
The YIQ color $236.0310, -2.4260, -22.1220$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $215.9690, 2.4260, 22.1220$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.9710, -2.1970, -20.7650$ is the 20% darker color. If you saturate the color by 10%, you get $228.3970, -3.9370, -33.2890$, and if you desaturate by 10%, it is $243.6650, -0.9150, -10.9550$.

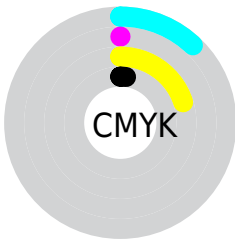
Distribution



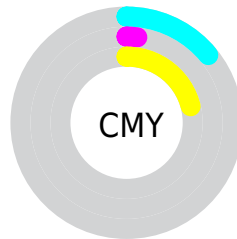
- Red (86%)
- Green (98%)
- Blue (79%)



- Red (79%)
- Yellow (98%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.0310, -2.4260, -22.1220 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 236.0310, -2.4260, -22.1220 by changing the saturation by 10% instead.

■ 236.0310, -2.4260,
-22.1220

■ 236.0310, -2.4260,
-22.1220

255.0000, -0.0000,
-0.0000

■ 207.5580, -2.4720,
-21.2880

■ 179.9710, -2.1970,
-20.7650

■ 153.0850, -2.5180,
-20.4540

■ 127.1990, -2.8390,
-20.1430

■ 101.7260, -2.8850,
-19.3090

■ 77.2530, -2.9310,
-18.4750

■ 54.3670, -3.2520,

-18.1640

■ 31.8510, -1.7390,
-18.0510

■ 15.2620, -7.1500,
-13.5980

■ 236.0310, -2.4260,
-22.1220

■ 236.0310, -2.4260,
-22.1220

■ 228.3970, -3.9370,
-33.2890

■ 243.6650, -0.9150,
-10.9550

■ 221.0620, -4.8520,
-44.2440

■ 251.0000, 0.0000,
-0.0000

■ 213.4280, -6.3630,
-55.4110

■ 252.6520, 1.1000,
2.0920

■ 206.0930, -7.2780,
-66.3660

■ 198.4590, -8.7890,
-77.5330

■ 190.7110, -9.9790,
-89.0110

■ 183.3760,
-10.8940, -99.9660

■ 175.7420,
-12.4050, -111.1330

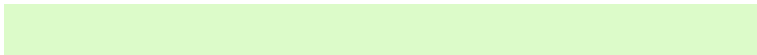
Harmonies

Analogous

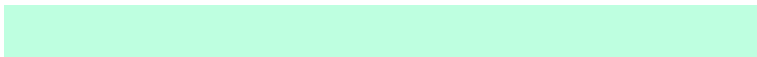
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.2360, 22.1020, -15.0980



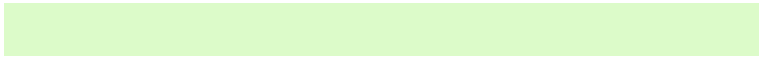
236.0310, -2.4260, -22.1220



232.0310, -28.7890, -23.4210

Triad

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



236.0310, -2.4260, -22.1220



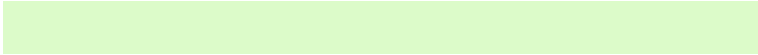
232.0430, -37.0900, -10.6420



232.8930, 16.7790, 9.7950

Complementary

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



236.0310, -2.4260, -22.1220



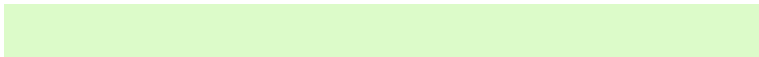
215.9690, 2.4260, 22.1220

Split Complementary

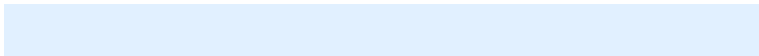
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.8030, 8.5250, 16.2130



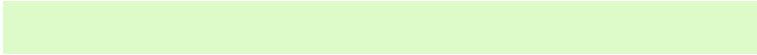
236.0310, -2.4260, -22.1220



237.2250, -13.7550, 1.4850

Square

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



236.0310, -2.4260, -22.1220



228.9870, -51.8520, -18.4440



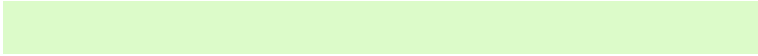
240.9120, 6.6000, 12.5520



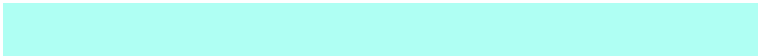
232.3910, 23.7040, -0.0720

Rectangle

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



236.0310, -2.4260, -22.1220



229.7120, -43.8280, -20.6920



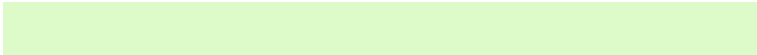
240.9120, 6.6000, 12.5520



233.9190, 13.8900, 12.5940

Sweetspot

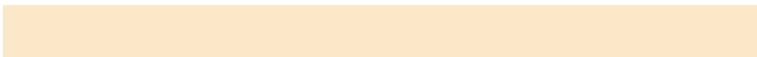
The Sweet Spot groups the original color and five complimentary colors.



236.0310, -2.4260, -22.1220



250.5990, -0.5490, -6.5730



234.1470, 21.2750, -5.6130



125.1800, -0.6870, -4.0710



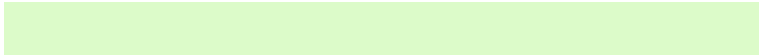
0.0000, 0.0000, 0.0000



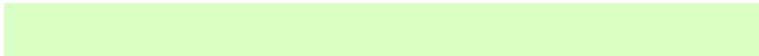
128.0000, -0.0000, -0.0000

Same Dimension

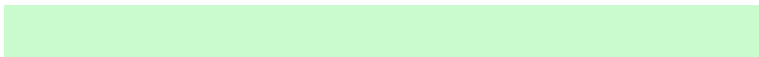
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.0310, -2.4260, -22.1220



236.6840, -3.0670, -27.0270



231.0340, -15.6760, -24.2840



121.1260, -0.5950, -5.7390



132.4710, -9.0630, -83.5830



42.6840, -3.0670, -27.0270

Inverse Universe

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



215.9690, 2.4260, 22.1220



212.3160, 3.0670, 27.0270



220.9660, 15.6760, 24.2840



115.8740, 0.5950, 5.7390



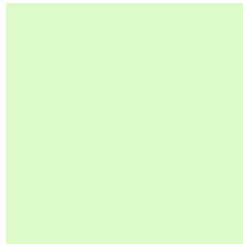
56.5290, 9.0630, 83.5830



18.3160, 3.0670, 27.0270

Previews

White Background



This preview shows how the YIQ color 236.0310, -2.4260, -22.1220 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 236.0310, -2.4260, -22.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

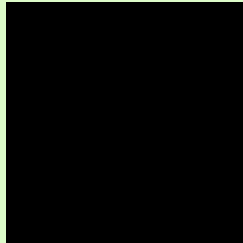
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

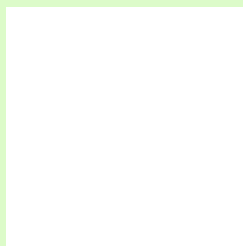
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 236.0310, -2.4260, -22.1220

Background



This preview shows how black text looks on a background with the YIQ color 236.0310, -2.4260, -22.1220.



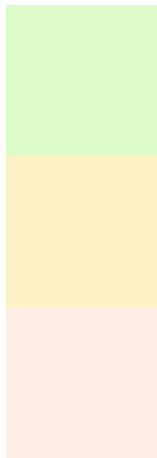
This preview shows how white text looks on a background with the YIQ color 236.0310, -2.4260, -22.1220.

-22.1220.

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

236.0310, -2.4260, -22.1220

Protanopia

240.2840, 22.1470, -10.4050

Deuteranopia

242.0570, 13.0210, 0.8050



Tritanopia

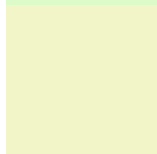
241.0900, -8.9410, 2.3470

Trichromacy



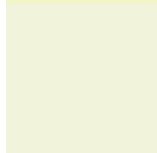
Original Color

236.0310, -2.4260, -22.1220



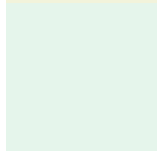
Protanomaly

238.8590, 12.9780, -14.9420



Deuteranomaly

239.9650, 7.1080, -7.6760



Tritanomaly

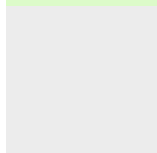
239.0760, -6.3260, -6.5020

Monochromacy



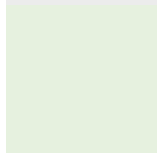
Original Color

236.0310, -2.4260, -22.1220



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

235.6590, -0.7780, -7.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.0310, -2.4260, -22.1220 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(220, 251, 201)` looks like.

```
.text, #text, p{  
    color:rgb(220, 251, 201)  
}
```

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(220, 251, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 251, 201) }
```

Border

The CSS property to change the border of an element to YIQ 236.0310, -2.4260, -22.1220 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(220, 251, 201) }
```


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

```
.border{ border-color:rgb(220, 251, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 251, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 251, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 251, 201);  
box-shadow:4px 4px 4px 4px rgb(220, 251,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 236.0310, -2.4260, -22.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 251, 201) }
```

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

```
.background{ background-color: rgb(220,  
251, 201) }
```

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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