

Converting Colors

YIQ(223.1430, -0.4060,
-36.7100)

Have a look what the booklet for
YIQ(223.1430, -0.4060, -36.7100)
contains.

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Color

**YIQ(223.1430, -0.4060,
-36.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F7A1
RGB	200, 247, 161
RGB Percent	78%, 97%, 63%
CMY	0.2158, 0.0313, 0.3686
CMYK	0.19, 0.00, 0.35, 0.03
HSL	93°, 84%, 80%
HSV	93°, 35%, 97%
XYZ	63.5094, 81.3808, 46.0866
YIQ	223.1430, -0.4060, -36.7100

Conversions

Conversions Part 2

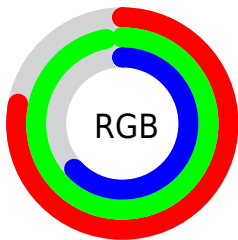
Format	Color
RYB	161, 247, 208
Decimal	13170593
CIELab	92.30, -29.69, 36.56
CIElCh	92, 47.099, 129.081
Yxy	81.3808, 0.3326, 0.4261
Android (android.graphics.Color)	4291360673 (0xFFC8F7A1)
YUV	223.1430, -30.6365, -20.2964
Hunter-Lab	90.2113, -32.2046, 32.8582

Details

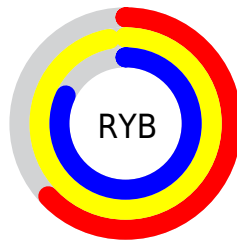
The YIQ color $223.1430, -0.4060, -36.7100$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $184.8570, 0.4060, 36.7100$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.5540, 12.5190, -12.1290$, and $167.1970, -0.4980, -35.0420$ is the 20% darker color. If you saturate the color by 10%, you get $216.1070, -0.7250, -47.4530$, and if you desaturate by 10%, it is $229.8800, -0.6830, -26.1790$.

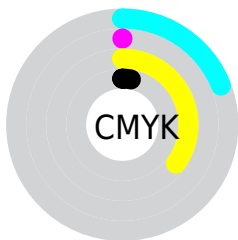
Distribution



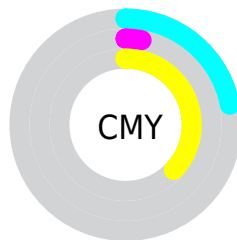
- Red (78%)
- Green (97%)
- Blue (63%)



- Red (63%)
- Yellow (97%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)




- Cyan (22%)
- Magenta (3%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.1430, -0.4060, -36.7100 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 223.1430, -0.4060, -36.7100 by changing the saturation by 10% instead.


 223.1430, -0.4060,
-36.7100


 223.1430, -0.4060,
-36.7100

255.0000, -0.0000,
-0.0000


 194.6700, -0.4520,
-35.8760


 250.6680, 12.1980,
-11.8180


 167.1970, -0.4980,
-35.0420

 253.8600, 3.2100,
-3.1100

 140.4250, -1.1400,
-34.4200

 114.6530, -1.7820,
-33.7980

 88.7670, -2.1030,
-33.4870

 63.6530, -1.7820,
-33.7980

 41.7650, -7.7890,

-29.5570

■ 24.0670, -11.2750,
-21.4430

■ 8.8050, -4.1250,
-7.8450

■ 223.1430, -0.4060,
-36.7100

■ 223.1430, -0.4060,
-36.7100

■ 216.1070, -0.7250,
-47.4530

■ 229.8800, -0.6830,
-26.1790

■ 209.4840, -0.7690,
-57.6730

■ 236.8020, -0.0430,
-15.7470

■ 202.4480, -1.0880,
-68.4160

■ 243.8380, 0.2760,
-5.0040

■ 195.7110, -0.8110,
-78.9470

■ 250.0050, 1.6040,
3.9720

■ 188.7890, -1.4510,
-89.3790

■ 250.3040, 2.2000,
4.1840

■ 182.0520, -1.1740,
-99.9100

■ 178.4770, -1.1730,
-105.4370

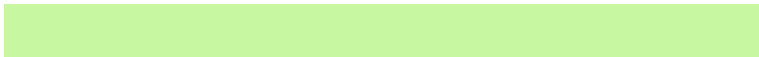
Harmonies

Analogous

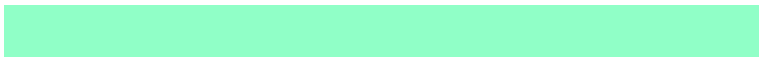
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.5840, 38.1970, -25.9550



223.1430, -0.4060, -36.7100



215.4270, -48.1800, -40.9480

Triad

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



223.1430, -0.4060, -36.7100



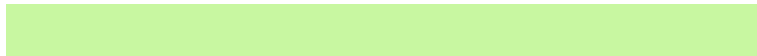
206.9600, -82.7530, -25.6090



217.6650, 26.5890, 19.2370

Complementary

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



223.1430, -0.4060, -36.7100



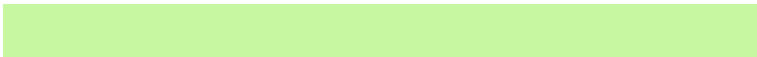
184.8570, 0.4060, 36.7100

Split Complementary

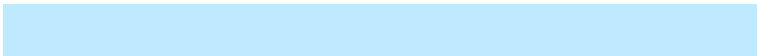
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8890, 14.5750, 27.7190



223.1430, -0.4060, -36.7100



222.6510, -32.6900, -2.2740

Square

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



223.1430, -0.4060, -36.7100



191.6120, -126.3520, -44.9440



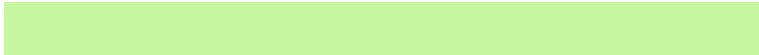
232.1070, 10.7250, 20.3970



216.8720, 38.4670, 2.2030

Rectangle

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



223.1430, -0.4060, -36.7100



206.7020, -82.5670, -39.9990



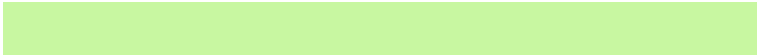
232.1070, 10.7250, 20.3970



219.3750, 21.7740, 23.9020

Sweetspot

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



223.1430, -0.4060, -36.7100



247.9640, -0.3190, -10.7430



213.7160, 38.6060, -5.8260



123.4850, -0.2280, -6.8840



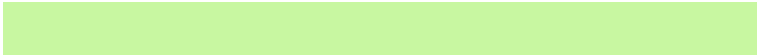
0.0000, 0.0000, 0.0000



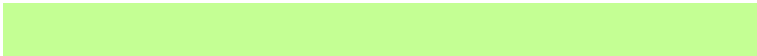
128.0000, -0.0000, -0.0000

Same Dimension

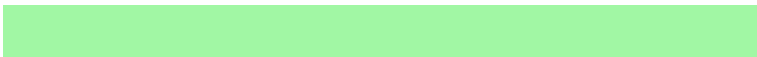
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.1430, -0.4060, -36.7100



225.1610, -0.8170, -45.7850



211.8240, -24.6130, -44.0450



118.8380, 0.2760, -5.0040



134.2980, -1.0860, -79.4700



42.7060, -0.1330, -25.1330

Inverse Universe

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



184.8570, 0.4060, 36.7100



177.8390, 0.8170, 45.7850



196.1760, 24.6130, 44.0450



113.4610, 0.3200, 5.2160



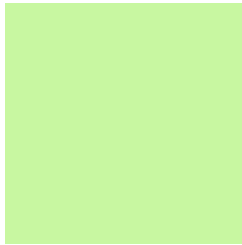
51.7020, 1.0860, 79.4700



16.2940, 0.1330, 25.1330

Previews

White Background



This preview shows how the YIQ color 223.1430, -0.4060, -36.7100 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 223.1430, -0.4060, -36.7100 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 223.1430, -0.4060, -36.7100

Background



This preview shows how black text looks on a background with the YIQ color 223.1430, -0.4060, -36.7100.



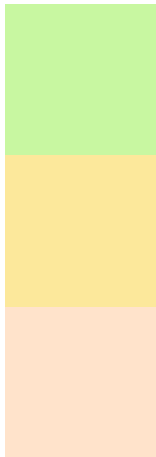
This preview shows how white text looks on a background with the YIQ color 223.1430, -0.4060,

-36.7100.

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

223.1430, -0.4060, -36.7100

Protanopia

229.2020, 36.6370, -19.7070

Deuteranopia

232.6360, 24.3920, -1.5280



Tritanopia

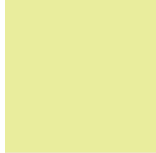
231.4740, -18.8900, 0.9340

Trichromacy



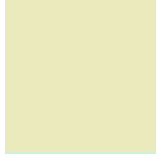
Original Color

223.1430, -0.4060, -36.7100



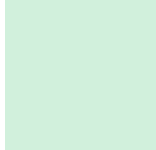
Protanomaly

226.6840, 23.2960, -25.7280



Deuteranomaly

229.0550, 15.3620, -14.0940



Tritanomaly

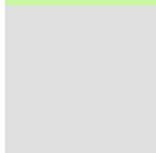
228.4510, -12.0560, -12.7920

Monochromacy



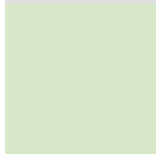
Original Color

223.1430, -0.4060, -36.7100



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

223.2690, 0.1400, -13.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.1430, -0.4060, -36.7100 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(200, 247, 161)` looks like.

```
.text, #text, p{  
    color:rgb(200, 247, 161)  
}
```

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(200, 247, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 247, 161) }
```

Border

The CSS property to change the border of an element to YIQ 223.1430, -0.4060, -36.7100 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(200, 247, 161) }
```


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

```
.border{ border-color:rgb(200, 247, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 247, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 247, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 247, 161);  
box-shadow:4px 4px 4px 4px rgb(200, 247,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 223.1430, -0.4060, -36.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 247, 161) }
```

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

```
.background{ background-color: rgb(200,  
247, 161) }
```

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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