

Converting Colors

YIQ(210.8390, 6.5620, -30.8300)

Have a look what the booklet for
YIQ(210.8390, 6.5620, -30.8300)
contains.

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Color

**YIQ(210.8390, 6.5620,
-30.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E597
RGB	198, 229, 151
RGB Percent	78%, 90%, 59%
CMY	0.2237, 0.1019, 0.4077
CMYK	0.14, 0.00, 0.34, 0.10
HSL	84°, 60%, 75%
HSV	84°, 34%, 90%
XYZ	56.8910, 70.2823, 39.8549
YIQ	210.8390, 6.5620, -30.8300

Conversions

Conversions Part 2

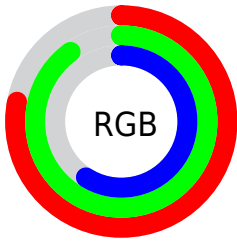
Format	Color
RYB	151, 229, 182
Decimal	13034903
CIELab	87.14, -23.17, 34.75
CIElCh	87, 41.769, 123.692
Yxy	70.2823, 0.3406, 0.4208
Android (android.graphics.Color)	4291224983 (0xFFC6E597)
YUV	210.8390, -29.5006, -11.2598
Hunter-Lab	83.8346, -25.5784, 30.4977

Details

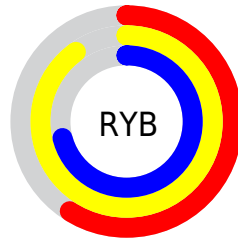
The YIQ color **210.8390, 6.5620, -30.8300** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **169.1610, -6.5620, 30.8300**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.4140, 15.7290, -15.2390**, and **155.5940, 5.8740, -29.3740** is the 20% darker color. If you saturate the color by 10%, you get **205.5260, 8.5810, -39.8910**, and if you desaturate by 10%, it is **216.1520, 4.5430, -21.7690**.

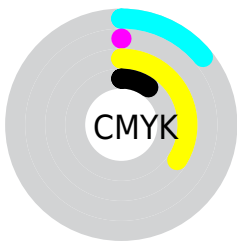
Distribution



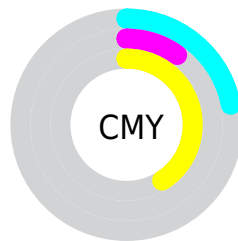
- Red (78%)
- Green (90%)
- Blue (59%)



- Red (59%)
- Yellow (90%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.8390, 6.5620, -30.8300 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 210.8390, 6.5620, -30.8300 by changing the saturation by 10% instead.

 210.8390, 6.5620,
-30.8300


 210.8390, 6.5620,
-30.8300


255.0000, -0.0000,
-0.0000

 183.0670, 5.9200,
-30.2080


 249.4140, 15.7290,
-15.2390


 155.5940, 5.8740,
-29.3740

 252.6060, 6.7410,
-6.5310

 129.7080, 5.5530,
-29.0630

 103.9360, 4.9110,
-28.4410

 79.0500, 4.5900,
-28.1300

 54.9360, 4.9110,
-28.4410

 34.4440, -2.1510,

-21.5990

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 210.8390, 6.5620,
-30.8300

■ 210.8390, 6.5620,
-30.8300

■ 205.5260, 8.5810,
-39.8910

■ 216.1520, 4.5430,
-21.7690

■ 200.2130, 10.6000,
-48.9520

■ 221.4650, 2.5240,
-12.7080

■ 194.9000, 12.6190,
-58.0130

■ 226.7780, 0.5050,
-3.6470

■ 189.5870, 14.6380,
-67.0740

■ 232.0910, -1.5140,
5.4140

■ 184.0890, 15.7400,
-76.0360

■ 236.4490, 0.5940,
11.2660

■ 178.7760, 17.7590,
-85.0970

■ 239.1400, 5.9580,
13.1740

■ 175.6850, 19.2730,
-90.5110

■ 239.7380, 7.1500,
13.5980

Harmonies

Analogous

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



214.8710, 39.0670, -19.6930



210.8390, 6.5620, -30.8300



205.0160, -33.6010, -35.3370

Triad

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



210.8390, 6.5620, -30.8300



197.2470, -81.8830, -19.3470



211.1110, 31.2650, 22.6010

Complementary

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



210.8390, 6.5620, -30.8300



169.1610, -6.5620, 30.8300

Split Complementary

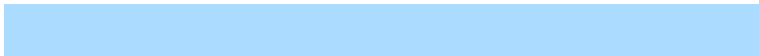
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.4920, 17.3710, 32.1150



210.8390, 6.5620, -30.8300



209.3390, -40.4390, 0.4970

Square

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



210.8390, 6.5620, -30.8300



190.3040, -104.3930, -29.9050



218.7620, -1.4250, 20.3270



209.0130, 42.6840, 8.3800

Rectangle

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



210.8390, 6.5620, -30.8300



199.2870, -62.1650, -35.2930



218.7620, -1.4250, 20.3270



213.1800, 26.8170, 26.1210

Sweetspot

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



210.8390, 6.5620, -30.8300



249.1600, 2.0650, -9.8950



191.9320, 38.2380, 0.8460



124.0830, 0.9640, -6.4600



0.0000, 0.0000, 0.0000



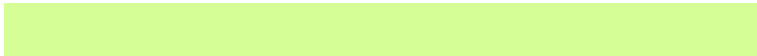
128.0000, -0.0000, -0.0000

Same Dimension

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



210.8390, 6.5620, -30.8300



230.4720, 8.6730, -41.5590



199.4770, -16.0860, -38.8860



112.1370, 0.8720, -4.7920



137.0660, 14.5470, -70.9330



39.2060, 4.4510, -20.1010

Inverse Universe

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



169.1610, -6.5620, 30.8300



174.5280, -8.6730, 41.5590



180.5230, 16.0860, 38.8860



105.8630, -0.8720, 4.7920



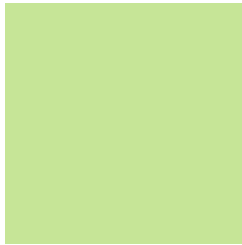
41.6350, -15.1430, 70.7210



11.7940, -4.4510, 20.1010

Previews

White Background



This preview shows how the YIQ color 210.8390, 6.5620, -30.8300 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 210.8390, 6.5620, -30.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

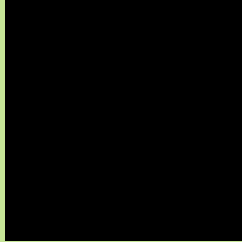
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.8390, 6.5620, -30.8300

Background



This preview shows how black text looks on a background with the YIQ color 210.8390, 6.5620, -30.8300.



This preview shows how white text looks on a background with the YIQ color 210.8390, 6.5620, -30.8300.

-30.8300.

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

210.8390, 6.5620, -30.8300

Protanopia

215.1740, 33.8400, -18.5760

Deuteranopia

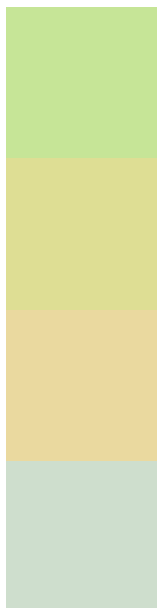
218.0970, 41.9070, -5.0770



Tritanopia

217.6600, -10.5460, 3.9020

Trichromacy



Original Color

210.8390, 6.5620, -30.8300

Protanomaly

213.5640, 23.7540, -23.0140

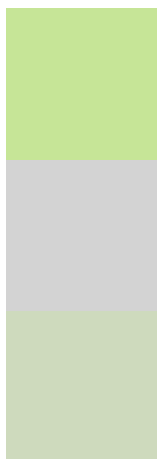
Deuteranomaly

215.4710, 28.7500, -14.4340

Tritanomaly

215.2780, -4.0790, -8.6790

Monochromacy



Original Color

210.8390, 6.5620, -30.8300

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.1060, 2.1570, -11.5630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.8390, 6.5620, -30.8300 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(198, 229, 151)` looks like.

```
.text, #text, p{  
    color:rgb(198, 229, 151)  
}
```

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(198, 229, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 229, 151) }
```

Border

The CSS property to change the border of an element to YIQ 210.8390, 6.5620, -30.8300 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(198, 229, 151) }
```


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

```
.border{ border-color:rgb(198, 229, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 229, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 229, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 229, 151);  
box-shadow:4px 4px 4px 4px rgb(198, 229,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 210.8390, 6.5620, -30.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 229, 151) }
```

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

```
.background{ background-color: rgb(198,  
229, 151) }
```

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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