

Converting Colors

YIQ(213.4330, -3.6180,
-22.5460)

Have a look what the booklet for
YIQ(213.4330, -3.6180, -22.5460)
contains.

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Color

**YIQ(213.4330, -3.6180,
-22.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E5B3
RGB	196, 229, 179
RGB Percent	77%, 90%, 70%
CMY	0.2315, 0.1019, 0.2980
CMYK	0.14, 0.00, 0.22, 0.10
HSL	100°, 49%, 80%
HSV	100°, 22%, 90%
XYZ	58.9181, 71.0332, 53.2566
YIQ	213.4330, -3.6180, -22.5460

Conversions

Conversions Part 2

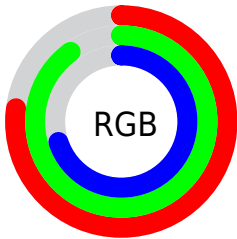
Format	Color
RYB	179, 229, 212
Decimal	12903859
CIELab	87.50, -19.80, 20.87
CIELCh	88, 28.769, 133.494
Yxy	71.0332, 0.3216, 0.3877
Android (android.graphics.Color)	4291093939 (0xFFC4E5B3)
YUV	213.4330, -16.9755, -15.2887
Hunter-Lab	84.2812, -22.7088, 21.5320

Details

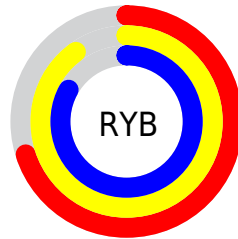
The YIQ color $213.4330, -3.6180, -22.5460$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $194.5670, 3.6180, 22.5460$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1220, 5.2280, -6.6440$, and $158.3730, -3.3890, -21.1890$ is the 20% darker color. If you saturate the color by 10%, you get $206.3260, -5.1750, -32.8790$, and if you desaturate by 10%, it is $220.5400, -2.0610, -12.2130$.

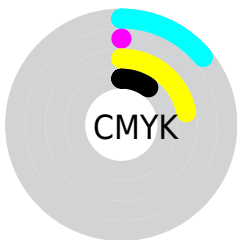
Distribution



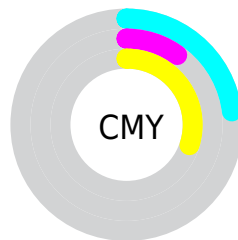
- Red (77%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (83%)



- Cyan (14%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)




- Cyan (23%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4330, -3.6180, -22.5460 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 213.4330, -3.6180, -22.5460 by changing the saturation by 10% instead.

 213.4330, -3.6180,
-22.5460


 213.4330, -3.6180,
-22.5460

255.0000, -0.0000,
-0.0000


 185.8460, -3.3430,
-22.0230


 252.1220, 5.2280,
-6.6440

 158.3730, -3.3890,
-21.1890

 132.4870, -3.7100,
-20.8780

 107.0140, -3.7560,
-20.0440

 82.5410, -3.8020,
-19.2100

 58.6550, -4.1230,
-18.8990

 36.0680, -3.8480,

-18.3760

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 213.4330, -3.6180,
-22.5460

■ 213.4330, -3.6180,
-22.5460

■ 206.3260, -5.1750,
-32.8790

■ 220.5400, -2.0610,
-12.2130

■ 199.2190, -6.7320,
-43.2120

■ 227.6470, -0.5040,
-1.8800

■ 192.1120, -8.2890,
-53.5450

■ 234.7540, 1.0530,
8.4530

■ 184.7060,
-10.4420, -64.0900

■ 239.7380, 7.1500,
13.5980

■ 177.5990,
-11.9990, -74.4230

■ 170.6060,
-13.8770, -84.4450

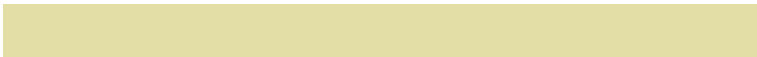
■ 163.4990,
-15.4340, -94.7780

■ 157.7450,
-16.4870, -103.2310

Harmonies

Analogous

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



216.5240, 21.2310, -15.8330



213.4330, -3.6180, -22.5460



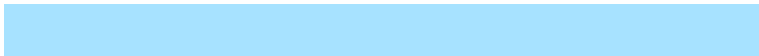
210.1340, -30.5770, -24.0570

Triad

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



213.4330, -3.6180, -22.5460



211.6650, -44.4730, -3.4890



217.3570, 30.2120, 14.1480

Complementary

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



213.4330, -3.6180, -22.5460



194.5670, 3.6180, 22.5460

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.



221.1360, 20.9490, 22.3330



213.4330, -3.6180, -22.5460



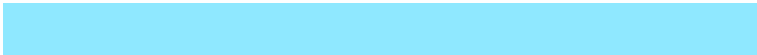
217.7330, -20.8170, 8.3270

Square

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



213.4330, -3.6180, -22.5460



208.0110, -60.4270, -11.7150



222.6270, 3.3890, 21.1890



216.8550, 37.1370, 4.2810

Rectangle

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



213.4330, -3.6180, -22.5460



208.1030, -46.4870, -22.0630



222.6270, 3.3890, 21.1890



218.3830, 27.3230, 16.9470

Sweetspot

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



213.4330, -3.6180, -22.5460



249.3600, -1.3740, -8.1420



213.3210, 20.7250, -6.6590



124.6530, -0.6410, -4.9050



0.0000, 0.0000, 0.0000



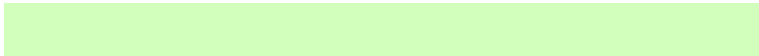
128.0000, -0.0000, -0.0000

Same Dimension

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



213.4330, -3.6180, -22.5460



234.3200, -5.0380, -29.8540



209.2620, -16.3180, -23.6620



111.2400, -0.9160, -5.4280



123.3120, -12.8690, -80.6850



35.0200, -3.8930, -23.0690

Inverse Universe

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



194.5670, 3.6180, 22.5460



209.6800, 5.0380, 29.8540



198.8520, 15.9970, 23.9730



106.7600, 0.9160, 5.4280



55.6880, 12.8690, 80.6850



15.9800, 3.8930, 23.0690

Previews

White Background



This preview shows how the YIQ color 213.4330, -3.6180, -22.5460 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 213.4330, -3.6180, -22.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

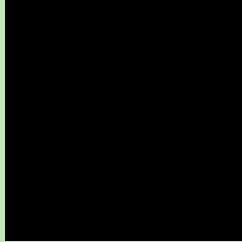
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.4330, -3.6180, -22.5460

Background



This preview shows how black text looks on a background with the YIQ color 213.4330, -3.6180, -22.5460.



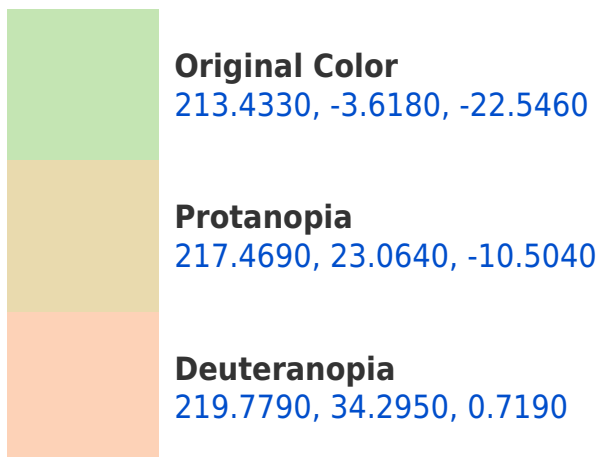
This preview shows how white text looks on a background with the YIQ color 213.4330, -3.6180,

-22.5460.

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

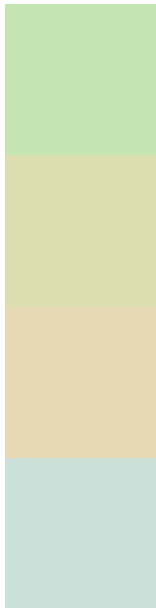




Tritanopia

218.2680, -15.3140, 2.2060

Trichromacy



Original Color

213.4330, -3.6180, -22.5460

Protanomaly

216.1580, 13.5740, -14.7300

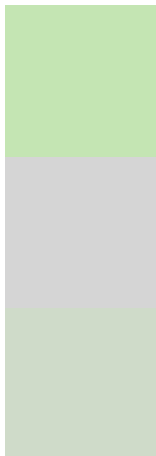
Deuteranomaly

217.4950, 20.1750, -7.7050

Tritanomaly

216.6240, -10.8650, -6.8410

Monochromacy



Original Color

213.4330, -3.6180, -22.5460

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.3600, -1.3740, -8.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4330, -3.6180, -22.5460 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(196, 229, 179)` looks like.

```
.text, #text, p{  
    color:rgb(196, 229, 179)  
}
```

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(196, 229, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 229, 179) }
```

Border

The CSS property to change the border of an element to YIQ 213.4330, -3.6180, -22.5460 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(196, 229, 179) }
```


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

```
.border{ border-color:rgb(196, 229, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 229, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 229, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 229, 179); box-shadow:4px 4px 4px 4px rgb(196, 229, 179) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4330, -3.6180, -22.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 229, 179) }
```

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

```
.background{ background-color: rgb(196,  
229, 179) }
```

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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