

Converting Colors

YIQ(213.4570, -12.1930,
-15.8170)

Have a look what the booklet for
YIQ(213.4570, -12.1930, -15.8170)
contains.

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Color

**YIQ(213.4570, -12.1930,
-15.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E3C8
RGB	192, 227, 200
RGB Percent	75%, 89%, 78%
CMY	0.2472, 0.1097, 0.2157
CMYK	0.15, 0.00, 0.12, 0.11
HSL	134°, 39%, 82%
HSV	134°, 15%, 89%
XYZ	59.6294, 70.3191, 65.0694
YIQ	213.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

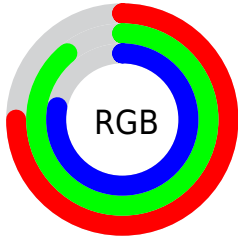
Format	Color
RYB	192, 220, 227
Decimal	12641224
CIELab	87.15, -16.59, 9.39
CIElCh	87, 19.064, 150.499
Yxy	70.3191, 0.3058, 0.3606
Android (android.graphics.Color)	4290831304 (0xFFC0E3C8)
YUV	213.4570, -6.6343, -18.8178
Hunter-Lab	83.8565, -19.8196, 12.6928

Details

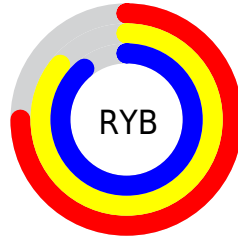
The YIQ color **213.4570, -12.1930, -15.8170** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **205.5430, 12.1930, 15.8170**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2060, -3.5760, -1.2720**, and **158.8700, -11.9180, -15.2940** is the 20% darker color. If you saturate the color by 10%, you get **204.5280, -20.1230, -26.2910**, and if you desaturate by 10%, it is **222.3860, -4.2630, -5.3430**.

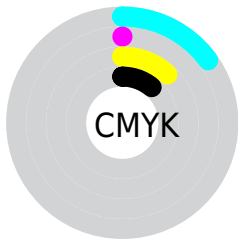
Distribution



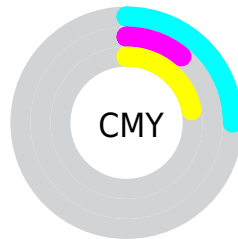
- Red (75%)
- Green (89%)
- Blue (78%)



- Red (75%)
- Yellow (86%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4570, -12.1930, -15.8170 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 213.4570, -12.1930, -15.8170 by changing the saturation by 10% instead.

■ 213.4570,
-12.1930, -15.8170

■ 213.4570,
-12.1930, -15.8170

■ 255.0000, -0.0000,
-0.0000

■ 185.8700,
-11.9180, -15.2940

■ 253.2060, -3.5760,
-1.2720

■ 158.8700,
-11.9180, -15.2940

■ 132.2830,
-11.6430, -14.7710

■ 107.1090,
-11.0930, -13.7250

■ 82.5220, -10.8180,
-13.2020

■ 59.5220, -10.8180,
-13.2020

■ 37.0490, -10.8640,

-12.3680

■ 16.6640, -8.3420,
-14.0220

■ 0.0000, 0.0000,
0.0000

■ 213.4570,
-12.1930, -15.8170

■ 213.4570,
-12.1930, -15.8170

■ 204.5280,
-20.1230, -26.2910

■ 222.3860, -4.2630,
-5.3430

■ 196.0120,
-27.7780, -36.2420

■ 230.9020, 3.3920,
4.6080

■ 187.0830,
-35.7080, -46.7160

■ 238.3360, 8.3420,
14.0220

■ 178.2680,
-43.9590, -56.8790

■ 238.5640, 7.7000,
14.6440

■ 169.3390,
-51.8890, -67.3530

■ 160.8230,
-59.5440, -77.3040

■ 151.8940,
-67.4740, -87.7780

■ 143.0790,
-75.7250, -97.9410

■ 139.1770,
-79.1170, -102.5490

Harmonies

Analogous

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



215.6070, 5.0000, -13.5280



213.4570, -12.1930, -15.8170



211.8990, -28.0570, -14.6570

Triad

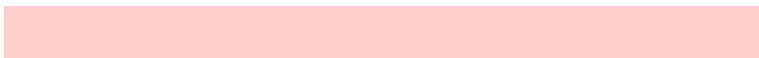
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.4570, -12.1930, -15.8170



217.5970, -23.4300, 6.1220



220.6680, 30.5340, 8.3100

Complementary

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



213.4570, -12.1930, -15.8170



205.5430, 12.1930, 15.8170

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.



221.8340, 24.4350, 14.2190



213.4570, -12.1930, -15.8170



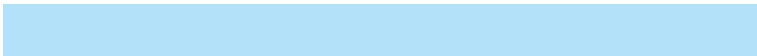
220.3820, -6.4670, 12.5810

Square

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



213.4570, -12.1930, -15.8170



213.9820, -35.1200, -2.2880



221.3580, 11.2760, 15.9160



219.3270, 29.7560, 0.3800

Rectangle

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



213.4570, -12.1930, -15.8170



211.7720, -34.8890, -11.9850



221.3580, 11.2760, 15.9160



220.6510, 29.2040, 10.3880

Sweetspot

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



213.4570, -12.1930, -15.8170



249.9730, -4.5380, -5.8660



220.6180, 6.4670, -12.5810



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



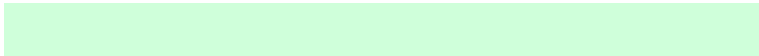
128.0000, -0.0000, -0.0000

Same Dimension

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



213.4570, -12.1930, -15.8170



236.4300, -16.7310, -21.6830



215.3950, -17.6500, -10.5300



110.3860, -4.2630, -5.3430



109.7470, -62.3860, -80.8660



31.3050, -17.8770, -22.9410

Inverse Universe

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



205.5430, 12.1930, 15.8170



225.5700, 16.7310, 21.6830



203.6050, 17.6500, 10.5300



107.6140, 4.2630, 5.3430



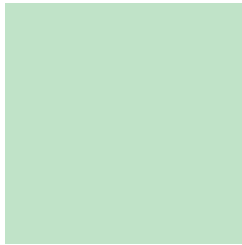
69.2530, 62.3860, 80.8660



19.6950, 17.8770, 22.9410

Previews

White Background



This preview shows how the YIQ color 213.4570, -12.1930, -15.8170 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 213.4570, -12.1930, -15.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

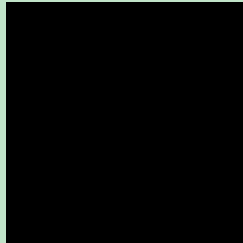
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

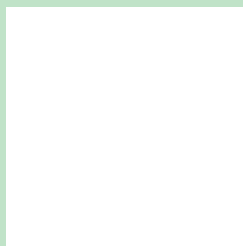
Any Text WCAG AAA ✓ Pass

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

YIQ 213.4570, -12.1930, -15.8170 Background



This preview shows how black text looks on a background with the YIQ color 213.4570, -12.1930, -15.8170.



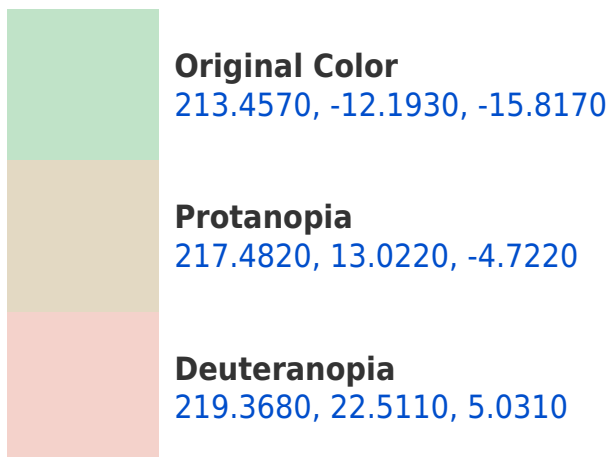
This preview shows how white text looks on a background with the YIQ color 213.4570, -12.1930,

-15.8170.

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

216.4740, -18.8900, 0.9340

Trichromacy



Original Color

213.4570, -12.1930, -15.8170

Protanomaly

216.1710, 3.5320, -8.9480

Deuteranomaly

217.0950, 9.8580, -2.4460

Tritanomaly

215.1550, -16.7340, -5.1020

Monochromacy



Original Color

213.4570, -12.1930, -15.8170

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4570, -12.1930, -15.8170 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(192, 227, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 227, 200)  
}
```

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(192, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 227, 200) }
```

Border

The CSS property to change the border of an element to YIQ 213.4570, -12.1930, -15.8170 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(192, 227, 200) }
```


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

```
.border{ border-color:rgb(192, 227, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 227, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 227, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 227, 200); box-shadow:4px 4px 4px 4px rgb(192, 227, 200) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4570, -12.1930, -15.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 227, 200) }
```

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

```
.background{ background-color: rgb(192,  
227, 200) }
```

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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