

Converting Colors

YIQ(222.8240, -6.2770,
-23.9170)

Have a look what the booklet for
YIQ(222.8240, -6.2770, -23.9170)
contains.

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Color

**YIQ(222.8240, -6.2770,
-23.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF0BD
RGB	202, 240, 189
RGB Percent	79%, 94%, 74%
CMY	0.2080, 0.0587, 0.2588
CMYK	0.16, 0.00, 0.21, 0.06
HSL	105°, 63%, 84%
HSV	105°, 21%, 94%
XYZ	64.6992, 78.5560, 59.8990
YIQ	222.8240, -6.2770, -23.9170

Conversions

Conversions Part 2

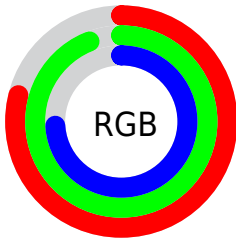
Format	Color
R _{YB}	189, 240, 227
Decimal	13299901
CIE Lab	91.03, -21.51, 20.66
CIE LCh	91, 29.830, 136.156
Yxy	78.5560, 0.3185, 0.3867
Android (android.graphics.Color)	4291489981 (0xFFCAF0BD)
YUV	222.8240, -16.6752, -18.2626
Hunter-Lab	88.6318, -24.8049, 21.9730

Details

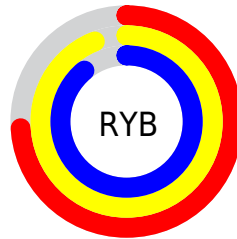
The YIQ color $222.8240, -6.2770, -23.9170$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $206.1760, 6.2770, 23.9170$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $167.3510, -6.3230, -23.0830$ is the 20% darker color. If you saturate the color by 10%, you get $214.7060, -9.3010, -35.1970$, and if you desaturate by 10%, it is $230.9420, -3.2530, -12.6370$.

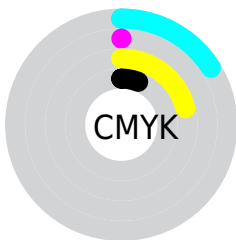
Distribution



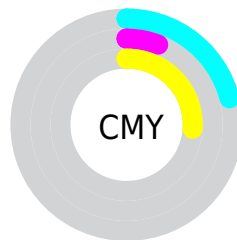
- Red (79%)
- Green (94%)
- Blue (74%)



- Red (74%)
- Yellow (94%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (6%)



- Cyan (21%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.8240, -6.2770, -23.9170 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 222.8240, -6.2770, -23.9170 by changing the saturation by 10% instead.

■ 222.8240, -6.2770,
-23.9170

■ 222.8240, -6.2770,
-23.9170

255.0000, -0.0000,
-0.0000

■ 194.9380, -6.5980,
-23.6060

■ 253.8600, 3.2100,
-3.1100

■ 167.3510, -6.3230,
-23.0830

■ 140.8780, -6.3690,
-22.2490

■ 115.2910, -6.0940,
-21.7260

■ 89.9320, -6.4610,
-20.5810

■ 66.3450, -6.1860,
-20.0580

■ 43.5730, -6.8280,

-19.4360

■ 22.3280, -7.5160,
-17.9800

■ 4.1090, -1.9250,
-3.6610

■ 222.8240, -6.2770,
-23.9170

■ 222.8240, -6.2770,
-23.9170

■ 214.7060, -9.3010,
-35.1970

■ 230.9420, -3.2530,
-12.6370

■ 206.5880,
-12.3250, -46.4770

■ 239.0600, -0.2290,
-1.3570

■ 198.4700,
-15.3490, -57.7570

■ 246.1950, 4.1250,
7.8450

■ 190.3520,
-18.3730, -69.0370

■ 182.2340,
-21.3970, -80.3170

■ 174.4150,
-23.8250, -91.3850

■ 166.2970,
-26.8490, -102.6650

■ 159.1190,
-29.6440, -112.5880

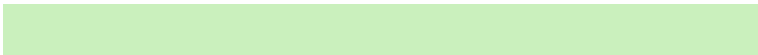
Harmonies

Analogous

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



225.9860, 19.8100, -17.6140



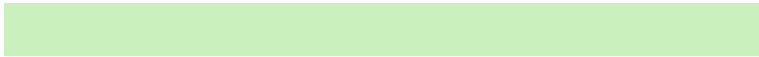
222.8240, -6.2770, -23.9170



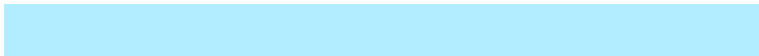
219.4540, -34.4740, -25.0180

Triad

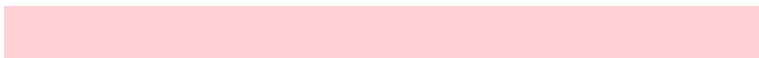
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.8240, -6.2770, -23.9170



220.5250, -41.2630, -6.5990



223.4380, 25.4900, 11.6180

Complementary

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



222.8240, -6.2770, -23.9170



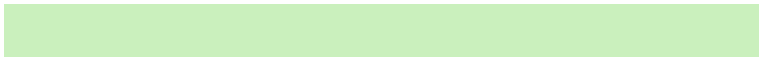
206.1760, 6.2770, 23.9170

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.



227.3310, 15.9060, 20.1140



222.8240, -6.2770, -23.9170



226.9030, -15.5440, 6.3760

Square

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



222.8240, -6.2770, -23.9170



216.8600, -58.6840, -15.7720



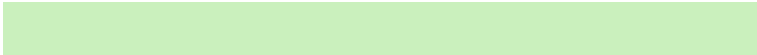
232.0960, 9.2580, 19.4500



223.4090, 32.4610, 0.9170

Rectangle

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



222.8240, -6.2770, -23.9170



217.4230, -50.3840, -23.0240



232.0960, 9.2580, 19.4500



224.4640, 22.6010, 14.4170

Sweetspot

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



222.8240, -6.2770, -23.9170



250.0010, -1.7410, -6.9970



225.9680, 20.2210, -8.5390



124.8810, -1.2830, -4.2830



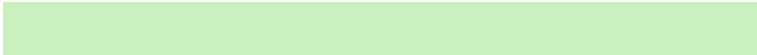
0.0000, 0.0000, 0.0000



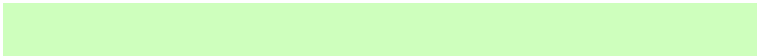
128.0000, -0.0000, -0.0000

Same Dimension

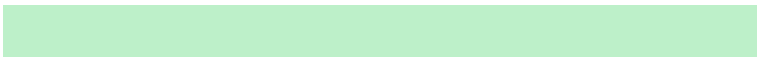
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.8240, -6.2770, -23.9170



232.8250, -8.0180, -30.9140



220.3050, -17.8770, -22.9410



115.9410, -1.5120, -5.6400



122.0610, -22.5880, -86.2680



37.0580, -7.0560, -26.3200

Inverse Universe

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



206.1760, 6.2770, 23.9170



211.1750, 8.0180, 30.9140



208.6950, 17.8770, 22.9410



112.0590, 1.5120, 5.6400



61.9390, 22.5880, 86.2680



18.9420, 7.0560, 26.3200

Previews

White Background



This preview shows how the YIQ color 222.8240, -6.2770, -23.9170 looks on a white background.

Color Contrast Check

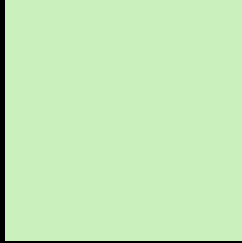
Large Text (above 18pt) WCAG AA × Fail

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 222.8240, -6.2770, -23.9170 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

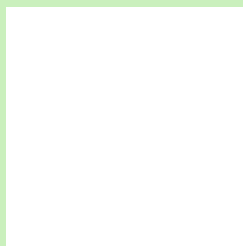
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.8240, -6.2770, -23.9170

Background



This preview shows how black text looks on a background with the YIQ color 222.8240, -6.2770, -23.9170.



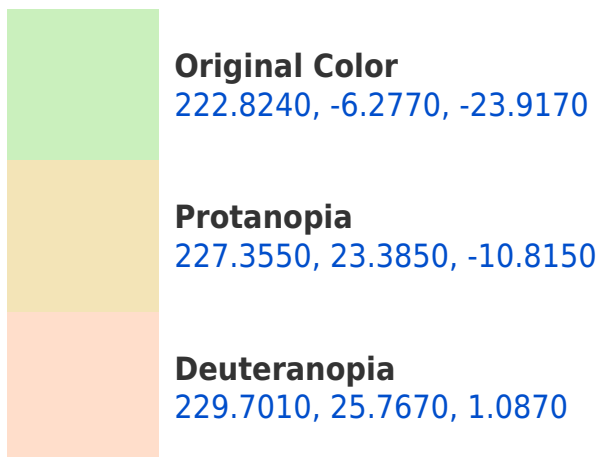
This preview shows how white text looks on a background with the YIQ color 222.8240, -6.2770, -23.9170.

-23.9170.

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

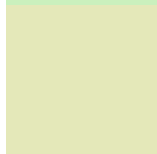
228.0720, -17.6980, 1.3580

Trichromacy



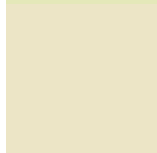
Original Color

222.8240, -6.2770, -23.9170



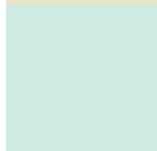
Protanomaly

225.4460, 12.7030, -15.4650



Deuteranomaly

227.5590, 14.1230, -8.1570



Tritanomaly

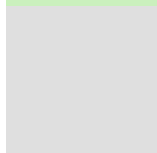
226.1290, -13.8450, -7.9010

Monochromacy



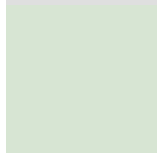
Original Color

222.8240, -6.2770, -23.9170



Achromatopsia

223.0000, -0.0000, -0.0000



Achromatomaly

222.7620, -2.5660, -8.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8240, -6.2770, -23.9170 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(202, 240, 189)` looks like.

```
.text, #text, p{  
    color:rgb(202, 240, 189)  
}
```

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(202, 240, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 240, 189) }
```

Border

The CSS property to change the border of an element to YIQ 222.8240, -6.2770, -23.9170 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(202, 240, 189) }
```


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

```
.border{ border-color:rgb(202, 240, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 240, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 240, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 240, 189);  
box-shadow:4px 4px 4px 4px rgb(202, 240,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8240, -6.2770, -23.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 240, 189) }
```

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

```
.background{ background-color: rgb(202,  
240, 189) }
```

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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