

Converting Colors

YIQ(206.1690, 5.8730, -23.8470)

Have a look what the booklet for
YIQ(206.1690, 5.8730, -23.8470)
contains.

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Color

**YIQ(206.1690, 5.8730,
-23.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DC9F
RGB	197, 220, 159
RGB Percent	77%, 86%, 62%
CMY	0.2275, 0.1372, 0.3764
CMYK	0.10, 0.00, 0.28, 0.14
HSL	83°, 47%, 74%
HSV	83°, 28%, 86%
XYZ	54.8750, 65.5623, 42.5717
YIQ	206.1690, 5.8730, -23.8470

Conversions

Conversions Part 2

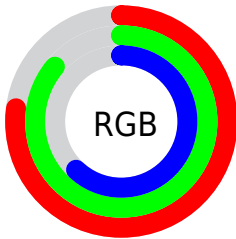
Format	Color
RYB	159, 220, 182
Decimal	12967071
CIELab	84.77, -18.02, 27.50
CIElCh	85, 32.881, 123.242
Yxy	65.5623, 0.3366, 0.4022
Android (android.graphics.Color)	4291157151 (0xFFC5DC9F)
YUV	206.1690, -23.2543, -8.0412
Hunter-Lab	80.9706, -20.7263, 25.5067

Details

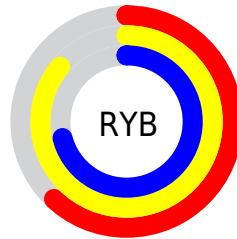
The YIQ color **206.1690, 5.8730, -23.8470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172.8310, -5.8730, 23.8470**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.0270, 12.5650, -12.9630**, and **151.8100, 5.5060, -22.7020** is the 20% darker color. If you saturate the color by 10%, you get **201.2690, 8.1670, -32.3850**, and if you desaturate by 10%, it is **211.0690, 3.5790, -15.3090**.

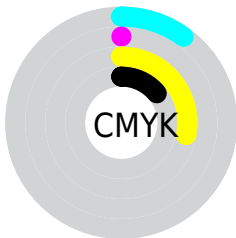
Distribution



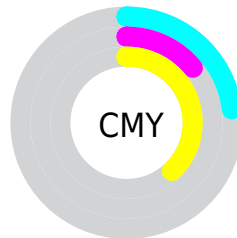
- Red (77%)
- Green (86%)
- Blue (62%)



- Red (62%)
- Yellow (86%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (14%)





- Cyan (23%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.1690, 5.8730, -23.8470 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 206.1690, 5.8730, -23.8470 by changing the saturation by 10% instead.


 206.1690, 5.8730,
-23.8470

 206.1690, 5.8730,
-23.8470

255.0000, -0.0000,
-0.0000


 178.3970, 5.2310,
-23.2250


 250.0270, 12.5650,
-12.9630

 151.8100, 5.5060,
-22.7020

 253.6320, 3.8520,
-3.7320

 125.9240, 5.1850,
-22.3910

 100.2660, 4.2220,
-21.4580

 76.3800, 3.9010,
-21.1470

 52.4940, 3.5800,
-20.8360

 32.1180, 1.8830,

-17.6130

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 206.1690, 5.8730,
-23.8470

■ 206.1690, 5.8730,
-23.8470

■ 201.2690, 8.1670,
-32.3850

■ 211.0690, 3.5790,
-15.3090

■ 196.0700, 9.8650,
-41.1350

■ 216.2680, 1.8810,
-6.5590

■ 191.1700, 12.1590,
-49.6730

■ 221.1680, -0.4130,
1.9790

■ 186.2700, 14.4530,
-58.2110

■ 226.0680, -2.7070,
10.5170

■ 181.0710, 16.1510,
-66.9610

■ 229.6710, 0.0890,
14.9130

■ 176.1710, 18.4450,
-75.4990

■ 232.0630, 4.8570,
16.6090

■ 171.2710, 20.7390,
-84.0370

■ 234.4550, 9.6250,
18.3050

■ 170.1030, 21.1520,
-86.0160

Harmonies

Analogous

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



210.0260, 31.5010, -14.7310



206.1690, 5.8730, -23.8470



201.6630, -24.9370, -27.1530

Triad

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



206.1690, 5.8730, -23.8470



199.7490, -62.4450, -8.1810



211.0140, 32.9160, 20.2120

Complementary

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



206.1690, 5.8730, -23.8470



172.8310, -5.8730, 23.8470

Split Complementary

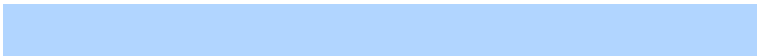
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.5970, 21.2690, 27.5490



206.1690, 5.8730, -23.8470



207.0240, -34.9380, 5.4300

Square

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



206.1690, 5.8730, -23.8470



196.4500, -72.2090, -18.4570



213.7230, -5.6890, 20.5110



209.3550, 41.7210, 9.3130

Rectangle

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



206.1690, 5.8730, -23.8470



199.1260, -45.2940, -27.1660



213.7230, -5.6890, 20.5110



212.2680, 29.3850, 23.6330

Sweetspot

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



206.1690, 5.8730, -23.8470



250.3280, 1.6520, -7.9160



190.1530, 30.3060, 1.4260



125.0230, 1.1930, -5.1030



0.0000, 0.0000, 0.0000



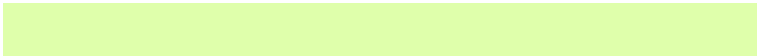
128.0000, -0.0000, -0.0000

Same Dimension

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



206.1690, 5.8730, -23.8470



235.8560, 7.8920, -32.9080



197.1990, -12.0070, -30.2070



107.5500, 1.1470, -4.2690



133.8430, 16.7930, -67.5830



35.6730, 4.6340, -17.9100

Inverse Universe

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



172.8310, -5.8730, 23.8470



190.1440, -7.8920, 32.9080



181.8010, 12.0070, 30.2070



101.4500, -1.1470, 4.2690



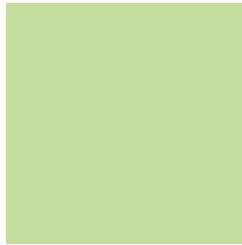
39.1570, -16.7930, 67.5830



10.3270, -4.6340, 17.9100

Previews

White Background



This preview shows how the YIQ color 206.1690, 5.8730, -23.8470 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 206.1690, 5.8730, -23.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

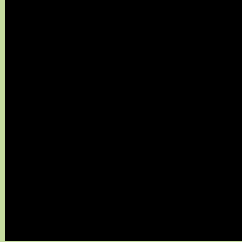
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.1690, 5.8730, -23.8470

Background



This preview shows how black text looks on a background with the YIQ color 206.1690, 5.8730, -23.8470.



This preview shows how white text looks on a background with the YIQ color 206.1690, 5.8730,

-23.8470.

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

206.1690, 5.8730, -23.8470

Protanopia

209.4000, 27.5120, -14.0240

Deuteranopia

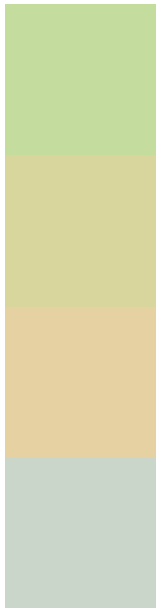
211.8950, 39.6600, -2.9000



Tritanopia

211.7420, -7.8410, 4.4390

Trichromacy



Original Color

206.1690, 5.8730, -23.8470

Protanomaly

207.9860, 19.8100, -17.6140

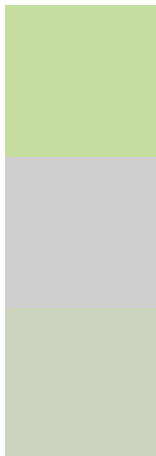
Deuteranomaly

209.6220, 27.0070, -10.3770

Tritanomaly

209.4570, -3.0250, -5.7530

Monochromacy



Original Color

206.1690, 5.8730, -23.8470

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.1000, 2.2940, -8.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.1690, 5.8730, -23.8470 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(197, 220, 159)` looks like.

```
.text, #text, p{  
    color:rgb(197, 220, 159)  
}
```

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(197, 220, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 220, 159) }
```

Border

The CSS property to change the border of an element to YIQ 206.1690, 5.8730, -23.8470 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(197, 220, 159) }
```


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

```
.border{ border-color:rgb(197, 220, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 220, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 220, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 220, 159);  
box-shadow:4px 4px 4px 4px rgb(197, 220,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 206.1690, 5.8730, -23.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 220, 159) }
```

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

```
.background{ background-color: rgb(197,  
220, 159) }
```

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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