

Converting Colors

YIQ(185.1390, 23.7530,
-17.4870)

Have a look what the booklet for
YIQ(185.1390, 23.7530, -17.4870)
contains.

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Color

**YIQ(185.1390, 23.7530,
-17.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BE81
RGB	197, 190, 129
RGB Percent	77%, 75%, 51%
CMY	0.2275, 0.2549, 0.4940
CMYK	0.00, 0.04, 0.34, 0.23
HSL	54°, 37%, 64%
HSV	54°, 34%, 77%
XYZ	45.4022, 50.2811, 28.0937
YIQ	185.1390, 23.7530, -17.4870

Conversions

Conversions Part 2

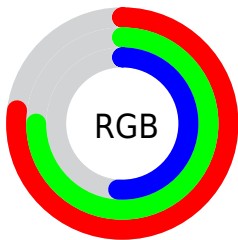
Format	Color
RYB	137, 197, 129
Decimal	12959361
CIELab	76.24, -6.74, 31.71
CIELCh	76, 32.420, 101.994
Yxy	50.2811, 0.3668, 0.4062
Android (android.graphics.Color)	4291149441 (0xFFC5BE81)
YUV	185.1390, -27.6765, 10.4021
Hunter-Lab	70.9092, -9.7999, 26.1461

Details

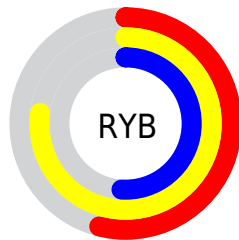
The YIQ color **185.1390, 23.7530, -17.4870** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **140.8610, -23.7530, 17.4870**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.0960, 25.3120, -18.2080**, and **131.8830, 21.5980, -16.9780** is the 20% darker color. If you saturate the color by 10%, you get **181.6850, 30.7230, -22.6610**, and if you desaturate by 10%, it is **188.5930, 16.7830, -12.3130**.

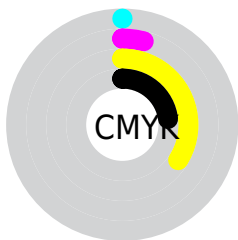
Distribution



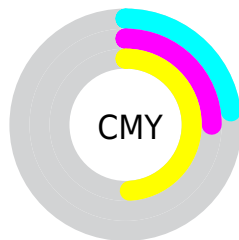
- Red (77%)
- Green (75%)
- Blue (51%)



- Red (54%)
- Yellow (77%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (23%)



- Cyan (23%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.1390, 23.7530, -17.4870 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 185.1390, 23.7530, -17.4870 by changing the saturation by 10% instead.

■ 185.1390, 23.7530,
-17.4870

■ 185.1390, 23.7530,
-17.4870

255.0000, -0.0000,
-0.0000

■ 157.9540, 22.8360,
-17.3880

■ 241.0960, 25.3120,
-18.2080

■ 131.8830, 21.5980,
-16.9780

■ 249.8700, 14.4450,
-13.9950

■ 106.1110, 20.9560,
-16.3560

■ 253.1760, 5.1360,
-4.9760

■ 81.6270, 19.4430,
-16.4690

■ 58.2140, 19.1680,
-16.9920

■ 37.5110, 14.0780,
-12.8500

■ 17.6980, 3.4860,

-8.1140

■ 0.0000, 0.0000,
0.0000

■ 185.1390, 23.7530,
-17.4870

■ 185.1390, 23.7530,
-17.4870

■ 181.6850, 30.7230,
-22.6610

■ 188.5930, 16.7830,
-12.3130

■ 178.3450, 37.3720,
-27.5240

■ 191.9330, 10.1340,
-7.4500

■ 174.8910, 44.3420,
-32.6980

■ 195.3870, 3.1640,
-2.2760

■ 171.4370, 51.3120,
-37.8720

■ 198.8410, -3.8060,
2.8980

■ 168.0970, 57.9610,
-42.7350

■ 202.2950,
-10.7760, 8.0720

■ 164.6430, 64.9310,
-47.9090

■ 205.6350,
-17.4250, 12.9350

■ 162.8020, 68.7370,
-50.8070

■ 207.7210,
-20.5430, 14.3770

■ 208.8950,
-21.0930, 13.3310

■ 210.0690,
-21.6430, 12.2850

Harmonies

Analogous

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



187.9830, 42.2280, -5.3880



185.1390, 23.7530, -17.4870



181.5640, -2.6090, -24.3130

Triad

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



185.1390, 23.7530, -17.4870



172.2590, -72.9890, -15.3330



192.7780, 28.0090, 26.5450

Complementary

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



185.1390, 23.7530, -17.4870



140.8610, -23.7530, 17.4870

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.



191.7670, 0.1790, 24.2990



185.1390, 23.7530, -17.4870



179.6450, -58.9160, -0.5480

Square

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



185.1390, 23.7530, -17.4870



172.6220, -61.2500, -24.3380



187.7460, -30.8590, 14.1090



191.7720, 45.3410, 20.8050

Rectangle

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



185.1390, 23.7530, -17.4870



178.5600, -23.1490, -26.5170



187.7460, -30.8590, 14.1090



192.7000, 19.4810, 26.9130

Sweetspot

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



185.1390, 23.7530, -17.4870



250.3890, 8.8500, -6.2060



150.2440, 37.9600, 16.9040



125.0020, 5.6860, -3.9300



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.



185.1390, 23.7530, -17.4870



236.5730, 36.7300, -26.9020



181.4740, 6.3320, -26.6600



97.3870, 3.1640, -2.2760



134.4390, 56.9980, -41.8020



29.5480, 12.6560, -9.1040

Inverse Universe

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



140.8610, -23.7530, 17.4870



168.4270, -36.7300, 26.9020



144.5260, -6.3320, 26.6600



91.6130, -3.1640, 2.2760



28.5610, -56.9980, 41.8020



6.4520, -12.6560, 9.1040

Previews

White Background



This preview shows how the YIQ color 185.1390, 23.7530, -17.4870 looks on a white background.

Color Contrast Check

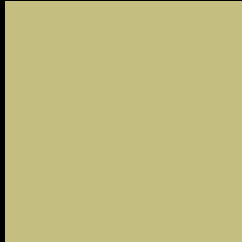
Large Text (above 18pt) WCAG AA × Fail

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 185.1390, 23.7530, -17.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

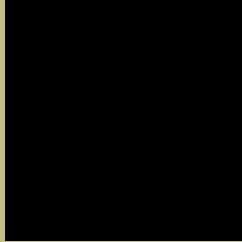
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.1390, 23.7530, -17.4870

Background



This preview shows how black text looks on a background with the YIQ color 185.1390, 23.7530, -17.4870.



This preview shows how white text looks on a background with the YIQ color 185.1390, 23.7530,

-17.4870.

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

185.1390, 23.7530, -17.4870

Protanopia

185.6450, 28.2000, -15.4800

Deuteranopia

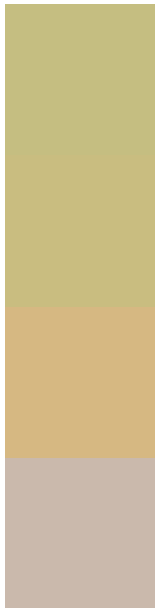
187.5700, 41.9530, -5.9110



Tritanopia

190.4730, 9.2140, 9.2300

Trichromacy



Original Color

185.1390, 23.7530, -17.4870

Protanomaly

185.6340, 26.7330, -16.4270

Deuteranomaly

186.8140, 35.2140, -10.4340

Tritanomaly

188.6010, 14.3050, -0.4390

Monochromacy



Original Color

185.1390, 23.7530, -17.4870

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0900, 8.2540, -6.4180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.1390, 23.7530, -17.4870 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, 190, 129)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 129)  
}
```

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, 190, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 129) }
```

Border

The CSS property to change the border of an element to YIQ 185.1390, 23.7530, -17.4870 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, 190, 129) }
```


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

```
.border{ border-color:rgb(197, 190, 129) }
```

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

Here you see how a box with a 4 pixel rgb(197, 190, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 129);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 185.1390, 23.7530, -17.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 129) }
```

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

```
.background{ background-color: rgb(197,  
190, 129) }
```

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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