

Converting Colors

YIQ(179.2150, 26.5950,
-13.9250)

Have a look what the booklet for
YIQ(179.2150, 26.5950, -13.9250)
contains.

YIQ(179.2150, 26.5950, -13.9250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(179.2150, 26.5950,
-13.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B57E
RGB	196, 181, 126
RGB Percent	77%, 71%, 49%
CMY	0.2314, 0.2902, 0.5057
CMYK	0.00, 0.08, 0.36, 0.23
HSL	47°, 37%, 63%
HSV	47°, 36%, 77%
XYZ	43.0559, 46.2883, 26.4167
YIQ	179.2150, 26.5950, -13.9250

Conversions

Conversions Part 2

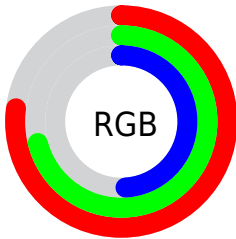
Format	Color
RYB	145, 196, 126
Decimal	12891518
CIELab	73.73, -2.77, 29.97
CIELCh	74, 30.100, 95.287
Yxy	46.2883, 0.3719, 0.3999
Android (android.graphics.Color)	4291081598 (0xFFC4B57E)
YUV	179.2150, -26.2350, 14.7204
Hunter-Lab	68.0355, -6.0992, 24.6038

Details

The YIQ color $179.2150, 26.5950, -13.9250$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $142.7850, -26.5950, 13.9250$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.1720, 28.1540, -14.6460$, and $125.9590, 24.4400, -13.4160$ is the 20% darker color. If you saturate the color by 10%, you get $174.5870, 34.1150, -18.0530$, and if you desaturate by 10%, it is $183.8430, 19.0750, -9.7970$.

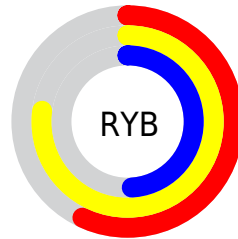
Distribution



Red (77%)

Green (71%)

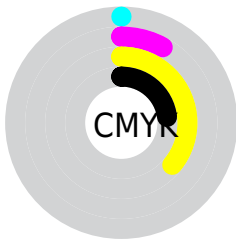
Blue (49%)



Red (57%)

Yellow (77%)

Blue (49%)

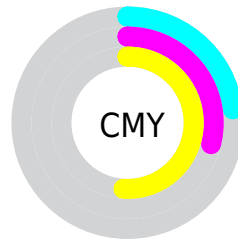


Cyan (0%)

Magenta (8%)

Yellow (36%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.2150, 26.5950, -13.9250 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 179.2150, 26.5950, -13.9250 by changing the saturation by 10% instead.

■ 179.2150, 26.5950,
-13.9250

■ 179.2150, 26.5950,
-13.9250

255.0000, -0.0000,
-0.0000

■ 152.1440, 25.3570,
-13.5150

■ 235.1720, 28.1540,
-14.6460

■ 125.9590, 24.4400,
-13.4160

■ 249.5280, 15.4080,
-14.9280

■ 100.8880, 23.2020,
-13.0060

■ 252.7200, 6.4200,
-6.2200

■ 76.4040, 21.6890,
-13.1190

■ 53.5780, 21.1390,
-14.1650

■ 33.1030, 15.4070,
-9.4010

■ 12.6920, 3.6230,

-5.0890

■ 0.0000, 0.0000,
0.0000

■ 179.2150, 26.5950,
-13.9250

■ 179.2150, 26.5950,
-13.9250

■ 174.5870, 34.1150,
-18.0530

■ 183.8430, 19.0750,
-9.7970

■ 170.0730, 41.3140,
-21.8700

■ 188.3570, 11.8760,
-5.9800

■ 164.8580, 49.1090,
-25.4750

■ 193.5720, 4.0810,
-2.3750

■ 160.3440, 56.3080,
-29.2920

■ 198.0860, -3.1180,
1.4420

■ 155.7160, 63.8280,
-33.4200

■ 202.7140,
-10.6380, 5.5700

■ 151.0880, 71.3480,
-37.5480

■ 207.3420,
-18.1580, 9.6980

■ 149.0020, 74.4660,
-38.9900

■ 210.9440,
-22.7890, 11.0270

■ 213.8790,
-24.1640, 8.4120

■ 216.2270,
-25.2640, 6.3200

Harmonies

Analogous

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



181.7920, 41.4480, -2.2640



179.2150, 26.5950, -13.9250



175.9670, 3.6260, -21.6700

Triad

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



179.2150, 26.5950, -13.9250



167.0380, -65.0570, -15.9130



185.7170, 20.8110, 24.8350

Complementary

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



179.2150, 26.5950, -13.9250



142.7850, -26.5950, 13.9250

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.



184.1360, -5.4140, 21.0340



179.2150, 26.5950, -13.9250



172.2490, -57.8610, -3.1490

Square

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



179.2150, 26.5950, -13.9250



168.4230, -50.3840, -23.0240



179.4850, -34.6180, 10.6460



184.9500, 38.9680, 20.6640

Rectangle

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



179.2150, 26.5950, -13.9250



173.3330, -15.0800, -24.0720



179.4850, -34.6180, 10.6460



185.1120, 12.3290, 24.3690

Sweetspot

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



179.2150, 26.5950, -13.9250



248.2860, 10.6380, -5.5700



148.6400, 36.9050, 19.5050



123.7140, 6.5570, -3.1950



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.



179.2150, 26.5950, -13.9250



228.3720, 41.9100, -21.6580



182.0400, 10.5500, -26.0100



94.6860, 3.7600, -2.0640



122.1010, 61.3060, -31.7660



25.1290, 12.5180, -6.6020

Inverse Universe

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



142.7850, -26.5950, 13.9250



171.6280, -41.9100, 21.6580



139.9600, -10.5500, 26.0100



89.3140, -3.7600, 2.0640



38.3120, -61.0310, 32.2890



7.8710, -12.5180, 6.6020

Previews

White Background



This preview shows how the YIQ color 179.2150, 26.5950, -13.9250 looks on a white background.

Color Contrast Check

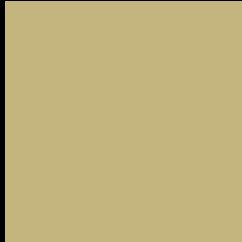
Large Text (above 18pt) WCAG AA × Fail

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 179.2150, 26.5950, -13.9250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

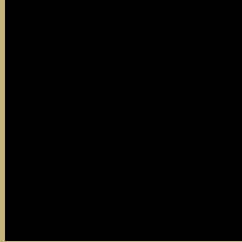
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.2150, 26.5950, -13.9250

Background



This preview shows how black text looks on a background with the YIQ color 179.2150, 26.5950, -13.9250.



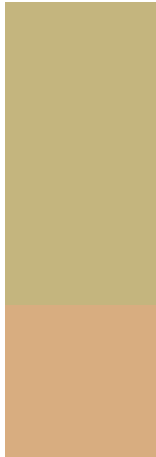
This preview shows how white text looks on a background with the YIQ color 179.2150, 26.5950,

-13.9250.

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

179.2150, 26.5950, -13.9250

Protanopia

179.2150, 26.5950, -13.9250

Deuteranopia

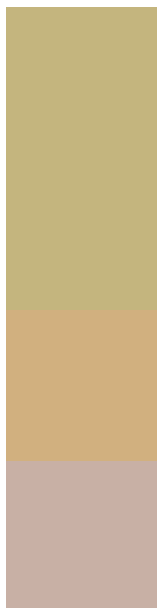
180.7270, 40.0730, -4.8790



Tritanopia

183.5660, 13.3860, 10.7140

Trichromacy



Original Color

179.2150, 26.5950, -13.9250

Protanomaly

179.2150, 26.5950, -13.9250

Deuteranomaly

180.2810, 35.3970, -8.2430

Tritanomaly

181.9220, 17.8350, 1.6670

Monochromacy



Original Color

179.2150, 26.5950, -13.9250

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.2150, 9.4000, -5.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.2150, 26.5950, -13.9250 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, 181, 126)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 126)  
}
```

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, 181, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 126) }
```

Border

The CSS property to change the border of an element to YIQ 179.2150, 26.5950, -13.9250 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, 181, 126) }
```


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

```
.border{ border-color:rgb(196, 181, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 181, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 126);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 179.2150, 26.5950, -13.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 126) }
```

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

```
.background{ background-color: rgb(196,  
181, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor