

Converting Colors

YIQ(217.9590, -19.1180,
-5.9500)

Have a look what the booklet for
YIQ(217.9590, -19.1180, -5.9500)
contains.

YIQ(217.9590, -19.1180, -5.9500)	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(217.9590, -19.1180,
-5.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E3E5
RGB	196, 227, 229
RGB Percent	77%, 89%, 90%
CMY	0.2314, 0.1097, 0.1020
CMYK	0.14, 0.01, 0.00, 0.10
HSL	184°, 39%, 83%
HSV	184°, 14%, 90%
XYZ	64.3729, 72.3346, 84.6835
YIQ	217.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

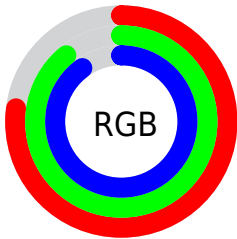
Format	Color
R _Y B	196, 212, 229
Decimal	12903397
CIE Lab	88.13, -9.74, -4.39
CIE LCh	88, 10.684, 204.276
Yxy	72.3346, 0.2908, 0.3267
Android (android.graphics.Color)	4291093477 (0xFFC4E3E5)
YUV	217.9590, 5.4432, -19.2580
Hunter-Lab	85.0498, -13.7331, 0.5002

Details

The YIQ color $217.9590, -19.1180, -5.9500$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $207.0410, 19.1180, 5.9500$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $163.2580, -18.5220, -5.7380$ is the 20% darker color. If you saturate the color by 10%, you get $210.4950, -32.5510, -10.3030$, and if you desaturate by 10%, it is $225.4230, -5.6850, -1.5970$.

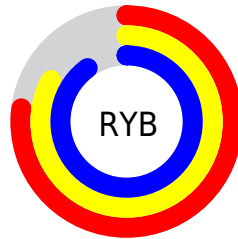
Distribution



Red (77%)

Green (89%)

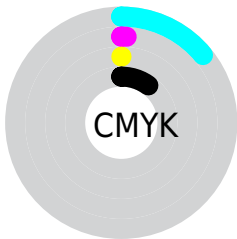
Blue (90%)



Red (77%)

Yellow (83%)

Blue (90%)

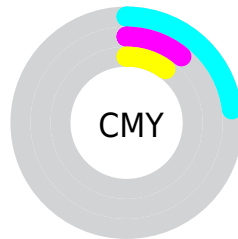


Cyan (14%)

Magenta (1%)

Yellow (0%)

Black (10%)



Cyan (23%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.9590, -19.1180, -5.9500 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 217.9590, -19.1180, -5.9500 by changing the saturation by 10% instead.

■ 217.9590,
-19.1180, -5.9500

■ 217.9590,
-19.1180, -5.9500

■ 255.0000, -0.0000,
-0.0000

■ 190.2580,
-18.5220, -5.7380

■ 254.4020, -1.1920,
-0.4240

■ 163.2580,
-18.5220, -5.7380

■ 136.5570,
-17.9260, -5.5260

■ 110.8560,
-17.3300, -5.3140

■ 86.7420, -17.0090,
-5.6250

■ 63.1550, -16.7340,
-5.1020

■ 40.1550, -16.7340,

-5.1020

■ 19.7420, -17.0090,
-5.6250

■ 0.3420, -0.9630,
0.9330

■ 217.9590,
-19.1180, -5.9500

■ 217.9590,
-19.1180, -5.9500

■ 210.4950,
-32.5510, -10.3030

■ 225.4230, -5.6850,
-1.5970

■ 202.4440,
-45.7090, -14.1330

■ 233.4740, 7.4730,
2.2330

■ 194.9800,
-59.1420, -18.4860

■ 237.9480, 14.9460,
4.4660

■ 187.5160,
-72.5750, -22.8390

■ 238.5350, 14.6710,
3.9430

■ 179.4650,
-85.7330, -26.6690

■ 239.7090, 14.1210,
2.8970

■ 172.3000,
-98.5700, -30.8100

■ 240.2960, 13.8460,
2.3740

■ 164.2490,
-111.7280, -34.6400

■ 241.4700, 13.2960,
1.3280

■ 156.7850,
-125.1610, -38.9930

■ 242.0570, 13.0210,
0.8050

■ 152.3110,
-132.6340, -41.2260

■ 242.6440, 12.7460,
0.2820

Harmonies

Analogous

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



218.0150, -13.5240, -8.2120



217.9590, -19.1180, -5.9500



218.5940, -19.3480, -1.7800

Triad

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



217.9590, -19.1180, -5.9500



223.0210, 4.6750, 8.8910



221.4220, 13.2510, -3.3650

Complementary

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



217.9590, -19.1180, -5.9500



207.0410, 19.1180, 5.9500

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.



222.5090, 17.5600, 1.1440



217.9590, -19.1180, -5.9500



223.0990, 13.2030, 8.5230

Square

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



217.9590, -19.1180, -5.9500



221.9920, -5.5490, 6.9550



223.1440, 17.3300, 5.3140



219.7090, 4.9530, -7.1670

Rectangle

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



217.9590, -19.1180, -5.9500



220.1430, -16.4600, 0.9480



223.1440, 17.3300, 5.3140



221.8460, 14.9930, -1.8950

Sweetspot

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



217.9590, -19.1180, -5.9500



251.4230, -5.6850, -1.5970



215.5990, -9.7170, -16.6370



125.3200, -3.8970, -0.9610



0.0000, 0.0000, 0.0000



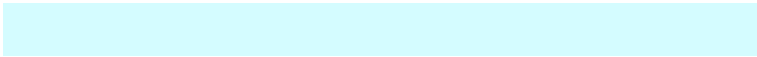
128.0000, -0.0000, -0.0000

Same Dimension

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



217.9590, -19.1180, -5.9500



240.3820, -24.8030, -7.5470



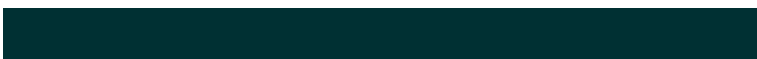
208.5670, -14.7180, 2.4180



110.8250, -6.8770, -2.0210



119.0220, -103.6590, -32.1950



33.9900, -29.5710, -9.2430

Inverse Universe

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



209.4010, 9.7170, 16.6370



229.4170, 12.7880, 21.5560



216.4330, 14.7180, -2.4180



107.8420, 3.6210, 5.9650



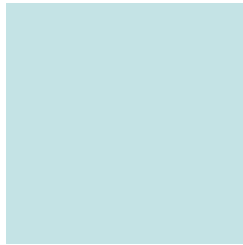
72.6730, 52.7560, 90.1960



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 217.9590, -19.1180, -5.9500 looks on a white background.

Color Contrast Check

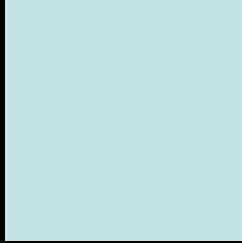
Large Text (above 18pt) WCAG AA × Fail

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 217.9590, -19.1180, -5.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

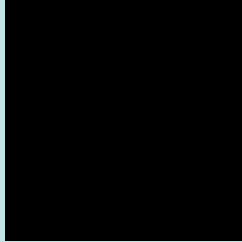
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

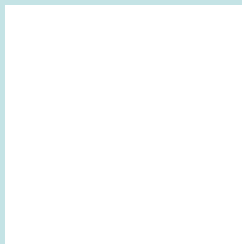
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.9590, -19.1180, -5.9500

Background



This preview shows how black text looks on a background with the YIQ color 217.9590, -19.1180, -5.9500.



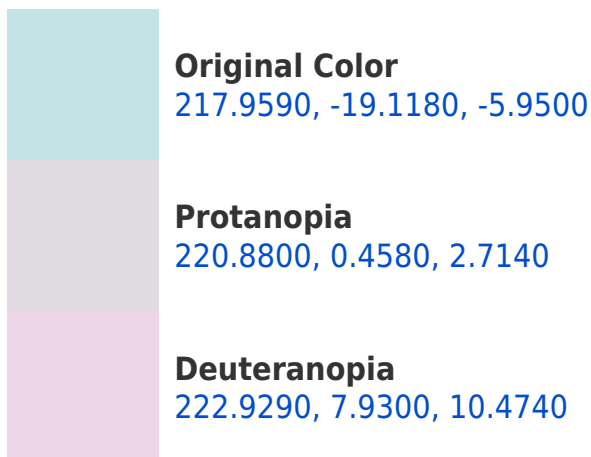
This preview shows how white text looks on a background with the YIQ color 217.9590, -19.1180, -5.9500.

-5.9500.

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

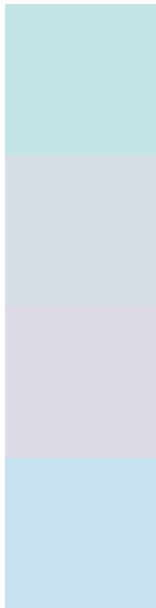




Tritanopia

219.2780, -21.2740, 0.0860

Trichromacy



Original Color

217.9590, -19.1180, -5.9500

Protanomaly

219.7650, -6.6480, -0.6640

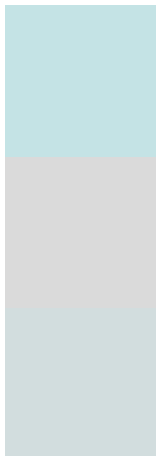
Deuteranomaly

221.2650, -2.0640, 4.3680

Tritanomaly

218.9960, -20.5400, -2.2040

Monochromacy



Original Color

217.9590, -19.1180, -5.9500

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.8250, -6.8770, -2.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9590, -19.1180, -5.9500 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, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(196, 227, 229)  
}
```

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, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 227, 229) }
```

Border

The CSS property to change the border of an element to YIQ 217.9590, -19.1180, -5.9500 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, 227, 229) }
```


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

```
.border{ border-color:rgb(196, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(196, 227,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9590, -19.1180, -5.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 227, 229) }
```

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

```
.background{ background-color: rgb(196,  
227, 229) }
```

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