

Converting Colors

YIQ(215.9890, 6.5600, -19.7760)

Have a look what the booklet for
YIQ(215.9890, 6.5600, -19.7760)
contains.

YIQ(215.9890, 6.5600, -19.7760)	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(215.9890, 6.5600,
-19.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E3AF
RGB	210, 227, 175
RGB Percent	82%, 89%, 69%
CMY	0.1765, 0.1098, 0.3137
CMYK	0.08, 0.00, 0.23, 0.11
HSL	80°, 48%, 79%
HSV	80°, 23%, 89%
XYZ	61.7836, 71.7367, 51.1564
YIQ	215.9890, 6.5600, -19.7760

Conversions

Conversions Part 2

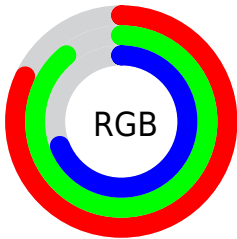
Format	Color
RYB	175, 227, 192
Decimal	13820847
CIELab	87.84, -14.47, 23.56
CIELCh	88, 27.644, 121.555
Yxy	71.7367, 0.3345, 0.3884
Android (android.graphics.Color)	4292010927 (0xFFD2E3AF)
YUV	215.9890, -20.2076, -5.2524
Hunter-Lab	84.6975, -18.0118, 23.4778

Details

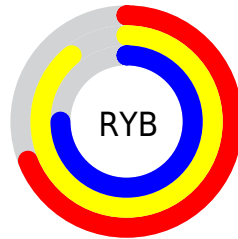
The YIQ color **215.9890, 6.5600, -19.7760** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186.0110, -6.5600, 19.7760**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.2640, 7.7040, -7.4640**, and **161.2170, 5.9180, -19.1540** is the 20% darker color. If you saturate the color by 10%, you get **211.2740, 9.7710, -28.4130**, and if you desaturate by 10%, it is **220.7040, 3.3490, -11.1390**.

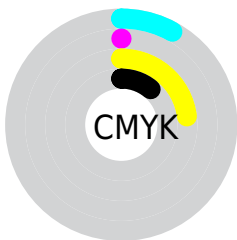
Distribution



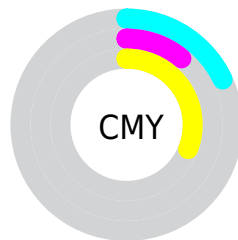
- Red (82%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.9890, 6.5600, -19.7760 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 215.9890, 6.5600, -19.7760 by changing the saturation by 10% instead.

 215.9890, 6.5600,
-19.7760

 215.9890, 6.5600,
-19.7760

255.0000, -0.0000,
-0.0000


 188.1030, 6.2390,
-19.4650


 252.2640, 7.7040,
-7.4640

 161.2170, 5.9180,
-19.1540

 134.7440, 5.8720,
-18.3200

 108.9720, 5.2300,
-17.6980

 85.0860, 4.9090,
-17.3870

 61.3140, 4.2670,
-16.7650

 38.4990, 5.1840,

-16.8640

■ 18.2300, -4.1240,
-13.3720

■ 0.0000, 0.0000,
0.0000

■ 215.9890, 6.5600,
-19.7760

■ 215.9890, 6.5600,
-19.7760

■ 211.2740, 9.7710,
-28.4130

■ 220.7040, 3.3490,
-11.1390

■ 206.3740, 12.0650,
-36.9510

■ 225.6040, 1.0550,
-2.6010

■ 201.6590, 15.2760,
-45.5880

■ 230.3190, -2.1560,
6.0360

■ 196.6450, 17.8910,
-54.4370

■ 234.0790, -1.2400,
11.4640

■ 192.0440, 20.7810,
-62.7630

■ 236.1720, 2.9320,
12.9480

■ 187.0300, 23.3960,
-71.6120

■ 238.5640, 7.7000,
14.6440

■ 182.3150, 26.6070,
-80.2490

■ 178.9960, 28.7630,
-86.2850

Harmonies

Analogous

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



219.1660, 28.2910, -11.6210



215.9890, 6.5600, -19.7760



212.7070, -19.0690, -23.3650

Triad

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



215.9890, 6.5600, -19.7760



211.6210, -50.3410, -7.2770



219.3120, 26.0850, 17.3570

Complementary

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



215.9890, 6.5600, -19.7760



186.0110, -6.5600, 19.7760

Split Complementary

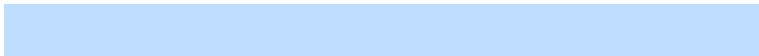
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.6240, 16.6390, 23.3510



215.9890, 6.5600, -19.7760



216.4930, -29.0690, 3.6910

Square

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



215.9890, 6.5600, -19.7760



208.8710, -57.2170, -14.8250



221.6750, -5.7340, 15.8180



217.5220, 33.8810, 8.2250

Rectangle

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



215.9890, 6.5600, -19.7760



210.5510, -36.1250, -22.6290



221.6750, -5.7340, 15.8180



220.9250, 22.9210, 19.6330

Sweetspot

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



215.9890, 6.5600, -19.7760



251.1540, 2.2020, -6.8700



199.9400, 26.5920, 2.6560



125.5500, 1.1470, -4.2690



0.0000, 0.0000, 0.0000



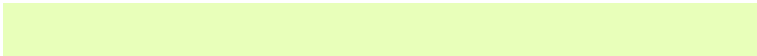
128.0000, -0.0000, -0.0000

Same Dimension

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



215.9890, 6.5600, -19.7760



240.2570, 8.4410, -26.3350



208.5140, -8.3400, -25.0760



112.4360, 1.4680, -4.5800



140.9530, 22.2950, -68.1770



40.1030, 6.2390, -19.4650

Inverse Universe

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



186.0110, -6.5600, 19.7760



200.7430, -8.4410, 26.3350



193.4860, 8.3400, 25.0760



105.5640, -1.4680, 4.5800



37.7480, -22.8910, 67.9650



10.8970, -6.2390, 19.4650

Previews

White Background



This preview shows how the YIQ color 215.9890, 6.5600, -19.7760 looks on a white background.

Color Contrast Check

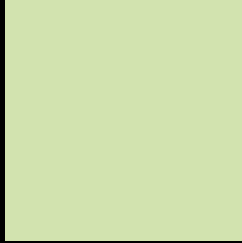
Large Text (above 18pt) WCAG AA × Fail

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 215.9890, 6.5600, -19.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

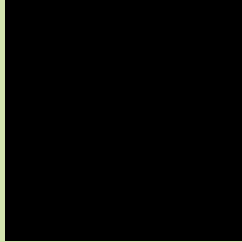
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

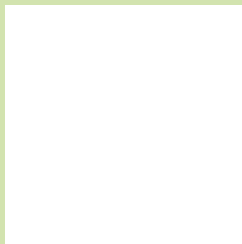
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.9890, 6.5600, -19.7760

Background



This preview shows how black text looks on a background with the YIQ color 215.9890, 6.5600, -19.7760.



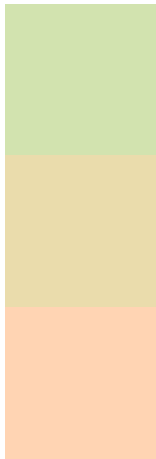
This preview shows how white text looks on a background with the YIQ color 215.9890, 6.5600, -19.7760.

-19.7760.

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

215.9890, 6.5600, -19.7760

Protanopia

218.7140, 23.7520, -11.9600

Deuteranopia

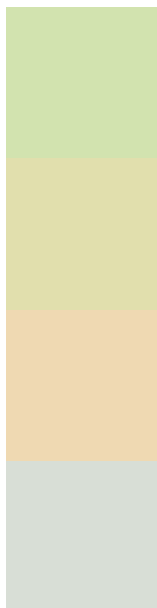
221.0950, 36.2210, -1.1470



Tritanopia

220.9380, -5.4570, 5.2870

Trichromacy



Original Color

215.9890, 6.5600, -19.7760

Protanomaly

217.8980, 17.2420, -15.1260

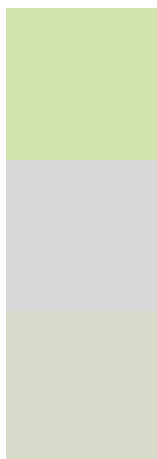
Deuteranomaly

219.1320, 25.6310, -7.4650

Tritanomaly

219.2940, -1.0080, -3.7600

Monochromacy



Original Color

215.9890, 6.5600, -19.7760

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0400, 2.5230, -7.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9890, 6.5600, -19.7760 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(210, 227, 175)` looks like.

```
.text, #text, p{  
    color:rgb(210, 227, 175)  
}
```

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(210, 227, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 227, 175) }
```

Border

The CSS property to change the border of an element to YIQ 215.9890, 6.5600, -19.7760 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(210, 227, 175) }
```


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

```
.border{ border-color:rgb(210, 227, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 227, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 227, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 227, 175);  
box-shadow:4px 4px 4px 4px rgb(210, 227,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9890, 6.5600, -19.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 227, 175) }
```

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

```
.background{ background-color: rgb(210,  
227, 175) }
```

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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