

Converting Colors

YIQ(201.0540, 15.9620,
-35.9900)

Have a look what the booklet for
YIQ(201.0540, 15.9620, -35.9900)
contains.

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Color

**YIQ(201.0540, 15.9620,
-35.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DC7A
RGB	194, 220, 122
RGB Percent	76%, 86%, 48%
CMY	0.2393, 0.1372, 0.5214
CMYK	0.12, 0.00, 0.45, 0.14
HSL	76°, 58%, 67%
HSV	76°, 45%, 86%
XYZ	51.3511, 64.0632, 28.0828
YIQ	201.0540, 15.9620, -35.9900

Conversions

Conversions Part 2

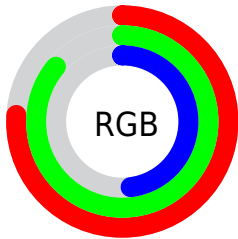
Format	Color
RYB	122, 220, 148
Decimal	12770426
CIELab	84.00, -23.80, 45.10
CIElCh	84, 50.996, 117.818
Yxy	64.0632, 0.3579, 0.4464
Android (android.graphics.Color)	4290960506 (0xFFC2DC7A)
YUV	201.0540, -38.9736, -6.1864
Hunter-Lab	80.0395, -25.5484, 35.2250

Details

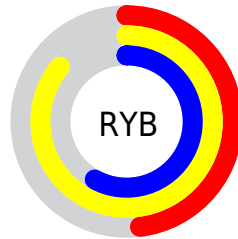
The YIQ color **201.0540, 15.9620, -35.9900** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **140.9460, -15.9620, 35.9900**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0970, 23.5710, -25.2050**, and **146.3960, 14.9990, -35.0570** is the 20% darker color. If you saturate the color by 10%, you get **196.7520, 19.4480, -44.1040**, and if you desaturate by 10%, it is **205.3560, 12.4760, -27.8760**.

Distribution



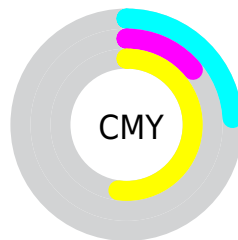
- Red (76%)
- Green (86%)
- Blue (48%)



- Red (48%)
- Yellow (86%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (45%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0540, 15.9620, -35.9900 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 201.0540, 15.9620, -35.9900 by changing the saturation by 10% instead.

■ 201.0540, 15.9620,
-35.9900

■ 201.0540, 15.9620,
-35.9900

255.0000, -0.0000,
-0.0000

■ 173.2820, 15.3200,
-35.3680

■ 245.0970, 23.5710,
-25.2050

■ 146.5100, 14.6780,
-34.7460

■ 249.1860, 16.3710,
-15.8610

■ 120.2110, 14.0820,
-34.9580

■ 252.4920, 7.0620,
-6.8420

■ 94.0970, 14.4030,
-35.2690

■ 69.5960, 11.5600,
-33.3040

■ 48.9190, 3.5810,
-26.3630

■ 27.6330, -7.0570,

-20.7930

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 201.0540, 15.9620,
-35.9900

■ 201.0540, 15.9620,
-35.9900

■ 196.7520, 19.4480,
-44.1040

■ 205.3560, 12.4760,
-27.8760

■ 192.4500, 22.9340,
-52.2180

■ 209.6580, 8.9900,
-19.7620

■ 188.1480, 26.4200,
-60.3320

■ 213.9600, 5.5040,
-11.6480

■ 184.1450, 30.5020,
-68.2340

■ 217.9630, 1.4220,
-3.7460

■ 179.8430, 33.9880,
-76.3480

■ 222.2650, -2.0640,
4.3680

■ 177.5780, 36.0520,
-80.7160

■ 226.5670, -5.5500,
12.4820

■ 228.4750, -2.2950,
14.0650

■ 230.2690, 1.2810,
15.3370

■ 232.0630, 4.8570,
16.6090

Harmonies

Analogous

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



205.7600, 52.5010, -20.8670



201.0540, 15.9620, -35.9900



193.5720, -32.5910, -42.6310

Triad

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



201.0540, 15.9620, -35.9900



162.9060, -144.5550, -39.9390



201.1320, 35.9400, 31.4920

Complementary

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



201.0540, 15.9620, -35.9900



140.9460, -15.9620, 35.9900

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.



211.5620, 20.3500, 38.7020



201.0540, 15.9620, -35.9900



192.6500, -66.4800, -6.6400

Square

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



201.0540, 15.9620, -35.9900



166.2000, -145.5630, -43.6990



207.7870, -11.7410, 20.0590



197.4210, 50.5230, 14.9950

Rectangle

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



201.0540, 15.9620, -35.9900



183.9170, -73.1670, -45.1590



207.7870, -11.7410, 20.0590



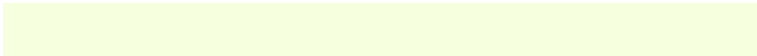
204.1300, 30.2540, 35.4220

Sweetspot

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



201.0540, 15.9620, -35.9900



248.5470, 5.2290, -12.1710



165.9770, 51.5330, 7.7010



123.8120, 3.1650, -7.8030



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.



201.0540, 15.9620, -35.9900



228.8460, 21.8790, -49.6170



187.0010, -12.0500, -45.9540



107.8490, 1.7430, -4.0570



139.5240, 28.1170, -63.5550



37.1680, 7.6140, -16.8500

Inverse Universe

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



140.9460, -15.9620, 35.9900



146.1540, -21.8790, 49.6170



155.2980, 12.6460, 46.1660



101.1510, -1.7430, 4.0570



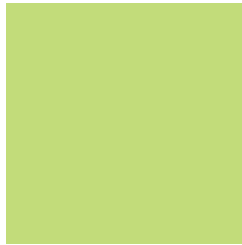
33.4760, -28.1170, 63.5550



8.8320, -7.6140, 16.8500

Previews

White Background



This preview shows how the YIQ color 201.0540, 15.9620, -35.9900 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 201.0540, 15.9620, -35.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

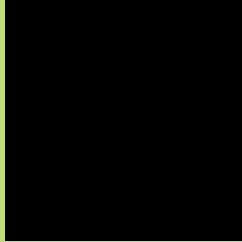
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.0540, 15.9620, -35.9900

Background



This preview shows how black text looks on a background with the YIQ color 201.0540, 15.9620, -35.9900.



This preview shows how white text looks on a background with the YIQ color 201.0540, 15.9620,

-35.9900.

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

201.0540, 15.9620, -35.9900

Protanopia

204.9050, 41.7270, -23.8490

Deuteranopia

207.5250, 55.0210, -11.4670



Tritanopia

209.6390, -6.0530, 5.0750

Trichromacy



Original Color

201.0540, 15.9620, -35.9900

Protanomaly

203.4800, 32.5580, -28.3860

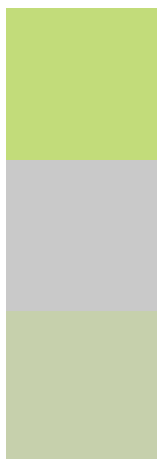
Deuteranomaly

205.1270, 41.2220, -20.2020

Tritanomaly

206.2740, 1.7440, -9.5840

Monochromacy



Original Color

201.0540, 15.9620, -35.9900

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9060, 5.5960, -13.3160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0540, 15.9620, -35.9900 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(194, 220, 122)` looks like.

```
.text, #text, p{  
    color:rgb(194, 220, 122)  
}
```

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(194, 220, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 220, 122) }
```

Border

The CSS property to change the border of an element to YIQ 201.0540, 15.9620, -35.9900 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(194, 220, 122) }
```


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

```
.border{ border-color:rgb(194, 220, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 220, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 220, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 220, 122);  
box-shadow:4px 4px 4px 4px rgb(194, 220,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0540, 15.9620, -35.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 220, 122) }
```

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

```
.background{ background-color: rgb(194,  
220, 122) }
```

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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