

Converting Colors

YIQ(203.0060, 15.9170,
-40.6830)

Have a look what the booklet for
YIQ(203.0060, 15.9170, -40.6830)
contains.

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Color

**YIQ(203.0060, 15.9170,
-40.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E174
RGB	193, 225, 116
RGB Percent	76%, 88%, 45%
CMY	0.2433, 0.1176, 0.5449
CMYK	0.14, 0.00, 0.48, 0.12
HSL	78°, 65%, 67%
HSV	78°, 48%, 88%
XYZ	52.0663, 66.4520, 26.6168
YIQ	203.0060, 15.9170, -40.6830

Conversions

Conversions Part 2

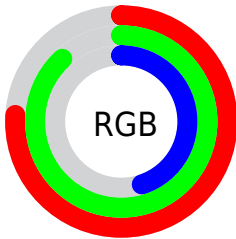
Format	Color
R_{YB}	116, 225, 148
Decimal	12706164
CIE _{Lab}	85.23, -27.21, 49.48
CIE _{LCh}	85, 56.463, 118.808
Yxy	66.4520, 0.3587, 0.4579
Android (android.graphics.Color)	4290896244 (0xFFC1E174)
YUV	203.0060, -42.8940, -8.7753
Hunter-Lab	81.5181, -28.6472, 37.7036

Details

The YIQ color **203.0060, 15.9170, -40.6830** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **137.9940, -15.9170, 40.6830**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **244.1140, 24.9010, -27.2830**, and **148.0490, 14.3580, -39.9620** is the 20% darker color. If you saturate the color by 10%, you get **198.4050, 18.8070, -49.0090**, and if you desaturate by 10%, it is **207.7210, 12.7060, -32.0460**.

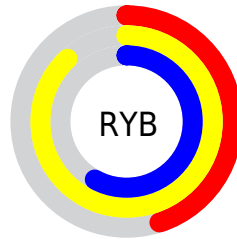
Distribution



Red (76%)

Green (88%)

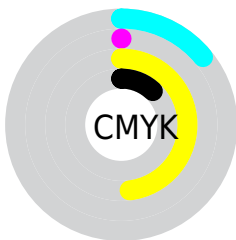
Blue (45%)



Red (45%)

Yellow (88%)

Blue (58%)

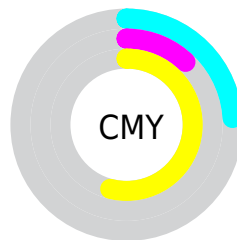


Cyan (14%)

Magenta (0%)

Yellow (48%)

Black (12%)



Cyan (24%)

Magenta (12%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.0060, 15.9170, -40.6830 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 203.0060, 15.9170, -40.6830 by changing the saturation by 10% instead.

■ 203.0060, 15.9170,
-40.6830

■ 203.0060, 15.9170,
-40.6830

■ 255.0000, -0.0000,
-0.0000

■ 175.2340, 15.2750,
-40.0610

■ 244.1140, 24.9010,
-27.2830

■ 148.0490, 14.3580,
-39.9620

■ 248.5020, 18.2970,
-17.7270

■ 121.0490, 14.3580,
-39.9620

■ 251.8080, 8.9880,
-8.7080

■ 94.1370, 16.9260,
-42.4500

■ 71.9330, 8.9930,
-36.3430

■ 50.3700, 0.6930,
-29.0910

■ 27.6000, -11.4580,

-23.6340

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 203.0060, 15.9170,
-40.6830

■ 203.0060, 15.9170,
-40.6830

■ 198.4050, 18.8070,
-49.0090

■ 207.7210, 12.7060,
-32.0460

■ 193.9890, 22.6140,
-57.4340


■ 212.0230, 9.2200,
-23.9320

■ 189.3880, 25.5040,
-65.7600


■ 216.7380, 6.0090,
-15.2950

■ 184.6730, 28.7150,
-74.3970

■ 221.0400, 2.5230,
-7.1810


 180.3710, 32.2010,
-82.5110


 225.7550, -0.6880,
1.4560

 179.6160, 32.8890,
-83.9670

 230.3560, -3.5780,
9.7820

 232.6060, -1.2860,
12.2980

 234.6990, 2.8860,
13.7820

 236.7920, 7.0580,
15.2660

Harmonies

Analogous

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



208.2780, 56.6740, -24.9100



203.0060, 15.9170, -40.6830



193.4030, -39.6050, -47.6770

Triad

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



203.0060, 15.9170, -40.6830



165.8410, -145.9300, -42.5540



200.1860, 35.8480, 33.1600

Complementary

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



203.0060, 15.9170, -40.6830



137.9940, -15.9170, 40.6830

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.



210.9750, 20.6250, 39.2250



203.0060, 15.9170, -40.6830



192.0080, -73.5400, -10.8520

Square

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



203.0060, 15.9170, -40.6830



169.3630, -147.5800, -45.6920



210.4560, -9.3110, 20.0730



196.4920, 51.7610, 14.5850

Rectangle

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



203.0060, 15.9170, -40.6830



179.5940, -91.5510, -53.3990



210.4560, -9.3110, 20.0730



203.4120, 29.5200, 37.7120

Sweetspot

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



203.0060, 15.9170, -40.6830



247.3790, 5.6420, -14.1500



166.7880, 56.4390, 6.8950



123.2850, 3.2110, -8.6370



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.



203.0060, 15.9170, -40.6830



224.9720, 21.2840, -55.3560



187.1590, -15.6710, -51.9190



109.8490, 1.7430, -4.0570



140.3880, 25.5040, -65.7600



38.3420, 7.0640, -17.8960

Inverse Universe

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



137.9940, -15.9170, 40.6830



137.0280, -21.2840, 55.3560



153.8410, 15.6710, 51.9190



103.1510, -1.7430, 4.0570



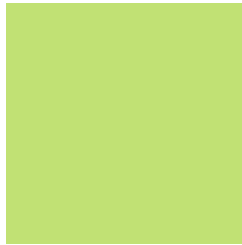
35.6120, -25.5040, 65.7600



9.6580, -7.0640, 17.8960

Previews

White Background



This preview shows how the YIQ color 203.0060, 15.9170, -40.6830 looks on a white background.

Color Contrast Check

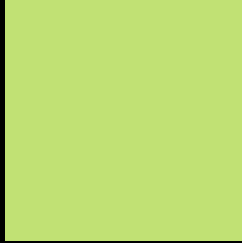
Large Text (above 18pt) WCAG AA × Fail

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 203.0060, 15.9170, -40.6830 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 203.0060, 15.9170, -40.6830

Background



This preview shows how black text looks on a background with the YIQ color 203.0060, 15.9170, -40.6830.



This preview shows how white text looks on a background with the YIQ color 203.0060, 15.9170,

-40.6830.

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

203.0060, 15.9170, -40.6830

Protanopia

207.7650, 44.9370, -26.9590

Deuteranopia

211.1550, 53.1870, -11.2690



Tritanopia

212.4430, -8.4370, 4.2270

Trichromacy



Original Color

203.0060, 15.9170, -40.6830

Protanomaly

205.7420, 34.5760, -31.9200

Deuteranomaly

208.2900, 39.2050, -22.1950

Tritanomaly

209.2090, 0.3690, -12.1990

Monochromacy



Original Color

203.0060, 15.9170, -40.6830

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.8520, 5.6880, -14.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.0060, 15.9170, -40.6830 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(193, 225, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 225, 116)  
}
```

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(193, 225, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 225, 116) }
```

Border

The CSS property to change the border of an element to YIQ 203.0060, 15.9170, -40.6830 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(193, 225, 116) }
```


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

```
.border{ border-color:rgb(193, 225, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 225, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 225, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 225, 116); box-shadow:4px 4px 4px 4px rgb(193, 225, 116) }
```

Background

The CSS property to change the background color of an element to YIQ 203.0060, 15.9170, -40.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 225, 116) }
```

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

```
.background{ background-color: rgb(193,  
225, 116) }
```

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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