

Converting Colors

YIQ(191.2740, 33.8520,
-84.9000)

Have a look what the booklet for
YIQ(191.2740, 33.8520, -84.9000)
contains.

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Color

**YIQ(191.2740, 33.8520,
-84.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	ABED09
RGB	171, 237, 9
RGB Percent	67%, 93%, 4%
CMY	0.3297, 0.0705, 0.9643
CMYK	0.28, 0.00, 0.96, 0.07
HSL	77°, 93%, 48%
HSV	77°, 96%, 93%
XYZ	47.1198, 69.2534, 11.1445
YIQ	191.2740, 33.8520, -84.9000

Conversions

Conversions Part 2

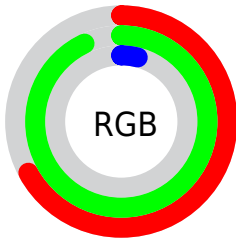
Format	Color
R_{YB}	9, 237, 75
Decimal	11267337
CIE _{Lab}	86.63, -46.64, 83.39
CIE _{LCh}	87, 95.552, 119.220
Yxy	69.2534, 0.3695, 0.5431
Android (android.graphics.Color)	4289457417 (0xFFABED09)
YUV	191.2740, -89.8611, -17.7803
Hunter-Lab	83.2186, -44.5628, 50.3130

Details

The YIQ color **191.2740, 33.8520, -84.9000** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **54.7260, -33.8520, 84.9000**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3560, 37.6980, -55.4700**, and **139.7350, 16.9770, -70.9190** is the 20% darker color. If you saturate the color by 10%, you get **189.3510, 34.9530, -88.3350**, and if you desaturate by 10%, it is **196.1030, 30.3200, -75.9520**.

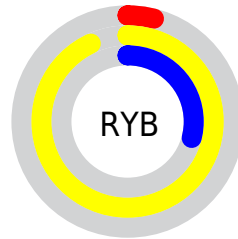
Distribution



Red (67%)

Green (93%)

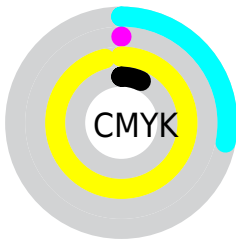
Blue (4%)



Red (4%)

Yellow (93%)

Blue (29%)

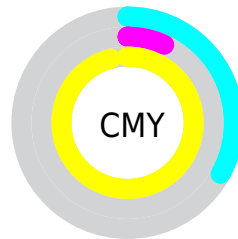


Cyan (28%)

Magenta (0%)

Yellow (96%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.2740, 33.8520, -84.9000 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 191.2740, 33.8520, -84.9000 by changing the saturation by 10% instead.

191.2740, 33.8520,
-84.9000

191.2740, 33.8520,
-84.9000

255.0000, -0.0000,
-0.0000

164.8420, 26.5610,
-79.4150

229.3560, 37.6980,
-55.4700

139.7350, 16.9770,
-70.9190

239.9520, 42.3720,
-41.0520

114.9160, 6.5220,
-63.1580

243.2580, 33.0630,
-32.0330

89.4990, -5.1250,
-55.8210

246.6780, 23.4330,
-22.7030

60.4720, -26.8580,
-52.9220

250.0980, 13.8030,
-13.3730

45.1990, -21.1750,
-40.2710

253.5180, 4.1730,

31.1110, -14.5750,

-4.0430

-27.7190

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 191.2740, 33.8520,
-84.9000

■ 191.2740, 33.8520,
-84.9000

■ 189.3510, 34.9530,
-88.3350

■ 196.1030, 30.3200,
-75.9520

■ 200.9320, 26.7880,
-67.0040

■ 205.6470, 23.5770,
-58.3670

■ 210.1770, 19.4490,
-49.6310

■ 215.0060, 15.9170,
-40.6830

■ 219.7210, 12.7060,
-32.0460

■ 224.5500, 9.1740,
-23.0980

■ 229.3790, 5.6420,
-14.1500

■ 234.0940, 2.4310,
-5.5130

Harmonies

Analogous

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



200.6890, 93.6800, -56.8160



191.2740, 33.8520, -84.9000



160.7890, -106.9030, -94.5750

Triad

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



191.2740, 33.8520, -84.9000



175.2330, -150.3300, -50.9220



171.5200, 47.6720, 61.1760

Complementary

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



191.2740, 33.8520, -84.9000



54.7260, -33.8520, 84.9000

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.



192.7780, 29.1500, 55.4380



191.2740, 33.8520, -84.9000



163.4930, -144.8300, -40.4620

Square

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



191.2740, 33.8520, -84.9000



178.7550, -151.9800, -54.0600



204.5420, -12.4290, 21.5150



170.7660, 71.8410, 25.1290

Rectangle

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



191.2740, 33.8520, -84.9000



170.2050, -127.9050, -77.3850



204.5420, -12.4290, 21.5150



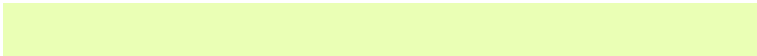
178.5760, 36.0710, 67.6790

Sweetspot

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



191.2740, 33.8520, -84.9000



240.2850, 11.2380, -27.4660



115.3270, 118.0130, 14.3410



118.9830, 6.6970, -16.7510



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.



191.2740, 33.8520, -84.9000



203.8040, 37.7510, -94.9930



157.4870, -33.4960, -108.8560



114.8490, 1.7430, -4.0570



144.8180, 27.1090, -67.3150



43.0600, 7.7980, -20.1860

Inverse Universe

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



54.7260, -33.8520, 84.9000



51.1960, -37.7510, 94.9930



88.5130, 33.4960, 108.8560



108.1510, -1.7430, 4.0570



36.4810, -26.5130, 67.5270



10.9400, -7.7980, 20.1860

Previews

White Background



This preview shows how the YIQ color 191.2740, 33.8520, -84.9000 looks on a white background.

Color Contrast Check

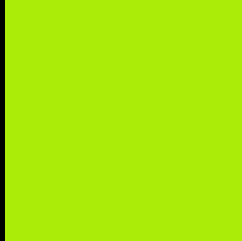
Large Text (above 18pt) WCAG AA × Fail

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 191.2740, 33.8520, -84.9000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

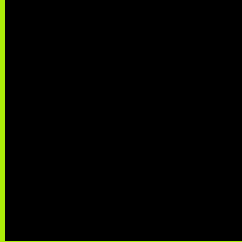
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.2740, 33.8520, -84.9000

Background



This preview shows how black text looks on a background with the YIQ color 191.2740, 33.8520, -84.9000.



This preview shows how white text looks on a background with the YIQ color 191.2740, 33.8520, -84.9000.

-84.9000.

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

191.2740, 33.8520, -84.9000

Protanopia

199.7480, 86.0240, -61.2400

Deuteranopia

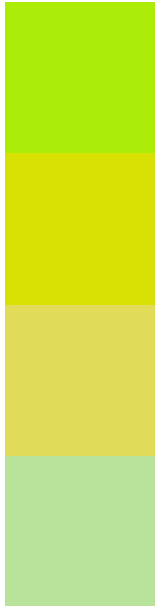
214.3180, 51.1700, -13.2620



Tritanopia

213.9790, -21.8700, -0.1260

Trichromacy



Original Color

191.2740, 33.8520, -84.9000

Protanomaly

196.7130, 66.7690, -70.2150

Deuteranomaly

205.6750, 44.7100, -39.3700

Tritanomaly

205.6470, -1.6450, -30.7730

Monochromacy



Original Color

191.2740, 33.8520, -84.9000

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.3620, 12.3390, -30.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.2740, 33.8520, -84.9000 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(171, 237, 9)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 9)  
}
```

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(171, 237, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 9) }
```

Border

The CSS property to change the border of an element to YIQ 191.2740, 33.8520, -84.9000 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(171, 237, 9) }
```


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

```
.border{ border-color:rgb(171, 237, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 9);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
9) }
```

Background

The CSS property to change the background color of an element to YIQ 191.2740, 33.8520, -84.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 9) }
```

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

```
.background{ background-color: rgb(171,  
237, 9) }
```

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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