

Converting Colors

YIQ(209.9390, 42.1050,
-85.7910)

Have a look what the booklet for
YIQ(209.9390, 42.1050, -85.7910)
contains.

YIQ(209.9390, 42.1050, -85.7910)	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(209.9390, 42.1050,
-85.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FE11
RGB	197, 254, 17
RGB Percent	77%, 100%, 7%
CMY	0.2277, 0.0038, 0.9329
CMYK	0.22, 0.00, 0.93, 0.00
HSL	74°, 99%, 53%
HSV	74°, 93%, 100%
XYZ	58.5581, 82.7997, 13.4296
YIQ	209.9390, 42.1050, -85.7910

Conversions

Conversions Part 2

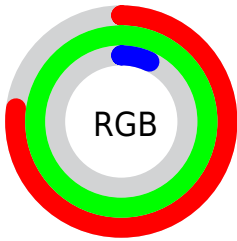
Format	Color
RYB	17, 254, 74
Decimal	12975633
CIELab	92.93, -44.06, 88.25
CIELCh	93, 98.636, 116.530
Yxy	82.7997, 0.3783, 0.5349
Android (android.graphics.Color)	4291165713 (0xFFC5FE11)
YUV	209.9390, -95.1189, -11.3475
Hunter-Lab	90.9944, -44.3690, 54.9456

Details

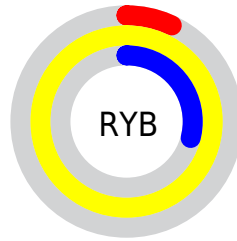
The YIQ color **209.9390, 42.1050, -85.7910** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **61.0610, -42.1050, 85.7910**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **237.1020, 50.3970, -48.8270**, and **156.6020, 27.4770, -73.9870** is the 20% darker color. If you saturate the color by 10%, you get **206.8050, 45.1780, -91.9260**, and if you desaturate by 10%, it is **214.6970, 37.3350, -76.4330**.

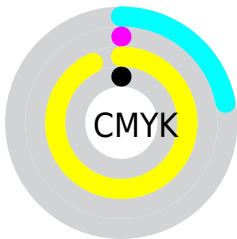
Distribution



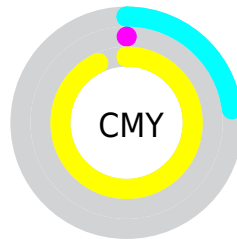
- Red (77%)
- Green (100%)
- Blue (7%)



- Red (7%)
- Yellow (100%)
- Blue (29%)



- Cyan (22%)
- Magenta (0%)
- Yellow (93%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.9390, 42.1050, -85.7910 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 209.9390, 42.1050, -85.7910 by changing the saturation by 10% instead.


 209.9390, 42.1050,
-85.7910


 209.9390, 42.1050,
-85.7910


255.0000, -0.0000,
-0.0000


 182.0080, 37.6570,
-82.2710

 237.1020, 50.3970,
-48.8270


 156.6020, 27.4770,
-73.9870


 240.6360, 40.4460,
-39.1860


 131.7830, 17.0220,
-66.2260


 244.0560, 30.8160,
-29.8560


 107.2630, 7.1630,
-58.2530

 247.4760, 21.1860,
-20.5260

 82.1340, -5.3550,
-51.6510

 250.8960, 11.5560,
-11.1960

 54.0040, -25.3000,
-48.1160

 254.3160, 1.9260,

 39.3290, -18.4250,

-1.8660

-35.0410

■ 26.4150, -12.3750,
-23.5350

■ 10.5660, -4.9500,
-9.4140

■ 209.9390, 42.1050,
-85.7910

■ 209.9390, 42.1050,
-85.7910

■ 206.8050, 45.1780,
-91.9260

■ 214.6970, 37.3350,
-76.4330

■ 219.3410, 32.8860,
-67.3860

■ 223.9850, 28.4370,
-58.3390

■ 228.7430, 23.6670,
-48.9810

■ 233.6860, 19.8140,
-39.7220

■ 238.4440, 15.0440,
-30.3640

■ 243.0880, 10.5950,
-21.3170

■ 247.7320, 6.1460,
-12.2700

■ 252.4900, 1.3760,
-2.9120

Harmonies

Analogous

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



209.4940, 89.5550, -64.6610



209.9390, 42.1050, -85.7910



163.7070, -109.6080, -95.1120

Triad

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



209.9390, 42.1050, -85.7910



178.7550, -151.9800, -54.0600



184.5770, 34.3300, 60.6820

Complementary

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



209.9390, 42.1050, -85.7910



61.0610, -42.1050, 85.7910

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.



204.5180, 23.6500, 44.9780



209.9390, 42.1050, -85.7910



175.8200, -150.6050, -51.4450

Square

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



209.9390, 42.1050, -85.7910



178.7550, -151.9800, -54.0600



217.1790, -16.1410, 11.6910



180.3180, 61.4790, 25.6950

Rectangle

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



209.9390, 42.1050, -85.7910



171.0030, -130.1520, -75.2080



217.1790, -16.1410, 11.6910



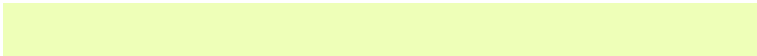
189.2560, 30.8000, 58.5760

Sweetspot

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



209.9390, 42.1050, -85.7910



241.8230, 12.6590, -25.6850



120.1480, 126.1270, 21.4790



119.6950, 7.5680, -16.0160



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.



209.9390, 42.1050, -85.7910



207.6910, 45.4990, -92.2370



174.9560, -27.6270, -110.5950



125.3220, 1.7890, -4.8910



155.4720, 33.8950, -69.1530



51.9200, 11.0080, -23.2960

Inverse Universe

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



61.0610, -42.1050, 85.7910



47.3090, -45.4990, 92.2370



96.0440, 27.6270, 110.5950



117.3790, -2.3850, 4.6790



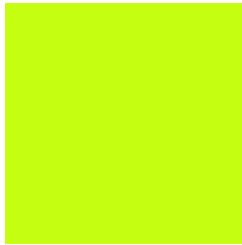
35.5280, -33.8950, 69.1530



11.7810, -11.6040, 23.0840

Previews

White Background



This preview shows how the YIQ color 209.9390, 42.1050, -85.7910 looks on a white background.

Color Contrast Check

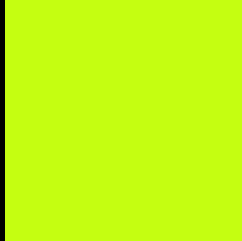
Large Text (above 18pt) WCAG AA × Fail

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 209.9390, 42.1050, -85.7910 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 209.9390, 42.1050, -85.7910

Background



This preview shows how black text looks on a background with the YIQ color 209.9390, 42.1050, -85.7910.



This preview shows how white text looks on a background with the YIQ color 209.9390, 42.1050, -85.7910.

-85.7910.

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

209.9390, 42.1050, -85.7910

Protanopia

229.2210, 43.6530, -25.7150

Deuteranopia

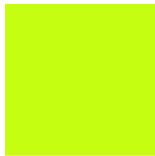
233.8270, 25.1720, -4.6520



Tritanopia

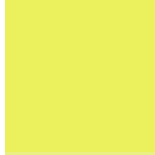
233.0830, -16.2310, 2.3050

Trichromacy



Original Color

209.9390, 42.1050, -85.7910



Protanomaly

222.0350, 43.3360, -47.5120



Deuteranomaly

225.3070, 31.3670, -34.3370



Tritanomaly

224.8820, 5.0030, -30.1090

Monochromacy



Original Color

209.9390, 42.1050, -85.7910



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.9170, 15.0900, -31.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.9390, 42.1050, -85.7910 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(197, 254, 17)` looks like.

```
.text, #text, p{  
    color:rgb(197, 254, 17)  
}
```

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(197, 254, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 254, 17) }
```

Border

The CSS property to change the border of an element to YIQ 209.9390, 42.1050, -85.7910 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(197, 254, 17) }
```


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

```
.border{ border-color:rgb(197, 254, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 254, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 254, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 254, 17);  
box-shadow:4px 4px 4px 4px rgb(197, 254,  
17) }
```

Background

The CSS property to change the background color of an element to YIQ 209.9390, 42.1050, -85.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 254, 17) }
```

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

```
.background{ background-color: rgb(197,  
254, 17) }
```

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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