

Converting Colors

YIQ(173.3410, 14.5500,
-87.5140)

Have a look what the booklet for
YIQ(173.3410, 14.5500, -87.5140)
contains.

YIQ(173.3410, 14.5500, -87.5140)	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(173.3410, 14.5500,
-87.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	85E208
RGB	133, 226, 8
RGB Percent	52%, 89%, 3%
CMY	0.4788, 0.1136, 0.9683
CMYK	0.41, 0.00, 0.96, 0.11
HSL	86°, 93%, 46%
HSV	86°, 96%, 89%
XYZ	36.9095, 59.4105, 9.7534
YIQ	173.3410, 14.5500, -87.5140

Conversions

Conversions Part 2

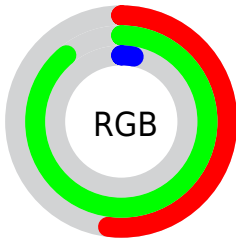
Format	Color
RYB	8, 226, 101
Decimal	8774152
CIELab	81.52, -55.55, 78.64
CIELCh	82, 96.283, 125.233
Yxy	59.4105, 0.3480, 0.5601
Android (android.graphics.Color)	4286964232 (0xFF85E208)
YUV	173.3410, -81.5131, -35.3791
Hunter-Lab	77.0782, -49.4107, 46.4522

Details

The YIQ color **173.3410, 14.5500, -87.5140** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **60.6590, -14.5500, 87.5140**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.5380, 16.3340, -64.7700**, and **121.0190, -4.4340, -73.8580** is the 20% darker color. If you saturate the color by 10%, you get **171.2330, 14.7340, -90.8500**, and if you desaturate by 10%, it is **178.9530, 13.1270, -78.2410**.

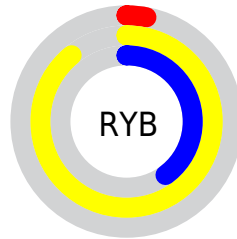
Distribution



Red (52%)

Green (89%)

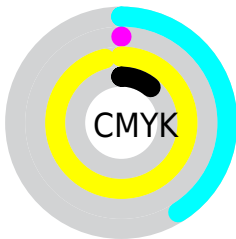
Blue (3%)



Red (3%)

Yellow (89%)

Blue (40%)

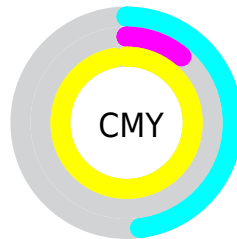


Cyan (41%)

Magenta (0%)

Yellow (96%)

Black (11%)



Cyan (48%)

Magenta (11%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3410, 14.5500, -87.5140 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 173.3410, 14.5500, -87.5140 by changing the saturation by 10% instead.

173.3410, 14.5500,
-87.5140

173.3410, 14.5500,
-87.5140

255.0000, -0.0000,
-0.0000

147.0230, 6.9380,
-81.7180

217.5380, 16.3340,
-64.7700

121.0190, -4.4340,
-73.8580

229.9280, 24.5840,
-49.0800

93.8080, -19.6570,
-67.7930

242.5030, 33.7510,
-33.4890

68.0920, -31.9000,
-60.6680

246.2220, 24.7170,
-23.9470

53.4170, -25.0250,
-47.5930

249.5280, 15.4080,
-14.9280

38.7420, -18.1500,
-34.5180

252.9480, 5.7780,

25.8280, -12.1000,

-5.5980

-23.0120

■ 5.8700, -2.7500,
-5.2300

■ 0.0000, 0.0000,
0.0000

■ 173.3410, 14.5500,
-87.5140

■ 173.3410, 14.5500,
-87.5140

■ 171.2330, 14.7340,
-90.8500

■ 178.9530, 13.1270,
-78.2410

■ 184.1520, 11.4290,
-69.4910

■ 189.7640, 10.0060,
-60.2180

■ 195.3760, 8.5830,
-50.9450

■ 200.5750, 6.8850,
-42.1950

■ 206.1870, 5.4620,
-32.9220

■ 211.6850, 4.3600,
-23.9600

■ 216.9980, 2.3410,
-14.8990

■ 222.6100, 0.9180,
-5.6260

Harmonies

Analogous

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



187.9200, 79.7880, -58.3560



173.3410, 14.5500, -87.5140



153.6140, -104.6120, -86.5320

Triad

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



173.3410, 14.5500, -87.5140



165.2540, -145.6550, -42.0310



156.1320, 63.4440, 61.6840

Complementary

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



173.3410, 14.5500, -87.5140



60.6590, -14.5500, 87.5140

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.



178.1030, 36.0250, 68.5130



173.3410, 14.5500, -87.5140



151.7530, -139.3300, -30.0020

Square

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



173.3410, 14.5500, -87.5140



170.5370, -148.1300, -46.7380



195.5260, 2.8360, 36.7240



161.9490, 84.2670, 20.1950

Rectangle

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



173.3410, 14.5500, -87.5140



163.1440, -125.9350, -69.0310



195.5260, 2.8360, 36.7240



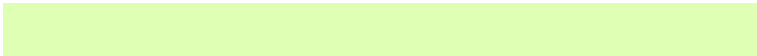
160.7260, 53.2640, 69.9680

Sweetspot

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



173.3410, 14.5500, -87.5140



236.9960, 4.6820, -29.7980



126.5990, 104.9030, -1.3770



116.8900, 2.5250, -18.2350



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.



173.3410, 14.5500, -87.5140



193.3390, 16.8910, -102.4130



141.3480, -49.2220, -110.1980



109.2510, 0.5510, -4.4810



133.5110, 11.7960, -70.6360



36.5480, 3.4880, -19.1680

Inverse Universe

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



60.6590, -14.5500, 87.5140



61.6610, -16.8910, 102.4130



92.6520, 49.2220, 110.1980



103.7490, -0.5510, 4.4810



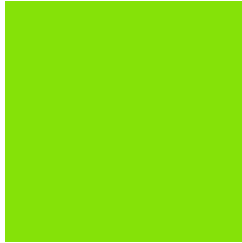
42.4890, -11.7960, 70.6360



11.7510, -2.8920, 19.3800

Previews

White Background



This preview shows how the YIQ color 173.3410, 14.5500, -87.5140 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 173.3410, 14.5500, -87.5140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

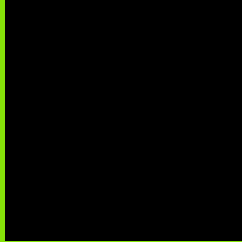
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.3410, 14.5500, -87.5140

Background



This preview shows how black text looks on a background with the YIQ color 173.3410, 14.5500, -87.5140.



This preview shows how white text looks on a background with the YIQ color 173.3410, 14.5500, -87.5140.

-87.5140.

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

173.3410, 14.5500, -87.5140

Protanopia

186.4470, 79.7420, -57.5220

Deuteranopia

192.8940, 83.8180, -32.2620



Tritanopia

196.6890, -35.8530, -5.5250

Trichromacy



Original Color

173.3410, 14.5500, -87.5140

Protanomaly

181.9060, 56.0400, -68.5040

Deuteranomaly

185.8870, 58.1920, -52.4320

Tritanomaly

188.4000, -17.1870, -35.4510

Monochromacy



Original Color

173.3410, 14.5500, -87.5140

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8280, 5.0950, -31.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3410, 14.5500, -87.5140 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(133, 226, 8)` looks like.

```
.text, #text, p{  
    color:rgb(133, 226, 8)  
}
```

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(133, 226, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 226, 8) }
```

Border

The CSS property to change the border of an element to YIQ 173.3410, 14.5500, -87.5140 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(133, 226, 8) }
```


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

```
.border{ border-color:rgb(133, 226, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 226, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 226, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 226, 8);  
box-shadow:4px 4px 4px 4px rgb(133, 226,  
8) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3410, 14.5500, -87.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 226, 8) }
```

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

```
.background{ background-color: rgb(133,  
226, 8) }
```

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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