

Converting Colors

YIQ(214.9220, 33.8890,
-35.9910)

Have a look what the booklet for
YIQ(214.9220, 33.8890, -35.9910)
contains.

YIQ(214.9220, 33.8890, -35.9910)	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(214.9220, 33.8890,
-35.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E574
RGB	225, 229, 116
RGB Percent	88%, 90%, 45%
CMY	0.1177, 0.1019, 0.5449
CMYK	0.02, 0.00, 0.49, 0.10
HSL	62°, 68%, 68%
HSV	62°, 49%, 90%
XYZ	62.2204, 73.3059, 27.4104
YIQ	214.9220, 33.8890, -35.9910

Conversions

Conversions Part 2

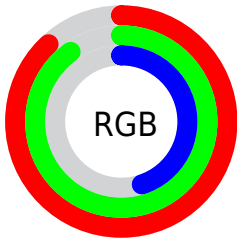
Format	Color
RYB	116, 229, 120
Decimal	14804340
CIELab	88.59, -16.69, 54.05
CIELCh	89, 56.567, 107.159
Yxy	73.3059, 0.3819, 0.4499
Android (android.graphics.Color)	4292994420 (0xFFE1E574)
YUV	214.9220, -48.7685, 8.8384
Hunter-Lab	85.6189, -20.1148, 40.9519

Details

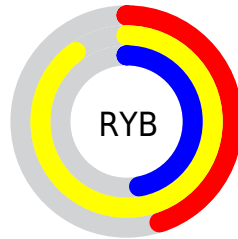
The YIQ color $214.9220, 33.8890, -35.9910$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $130.0780, -33.8890, 35.9910$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.3100, 27.2850, -26.4350$, and $159.5520, 32.0550, -35.7930$ is the 20% darker color. If you saturate the color by 10%, you get $212.0010, 40.6760, -43.3560$, and if you desaturate by 10%, it is $217.8430, 27.1020, -28.6260$.

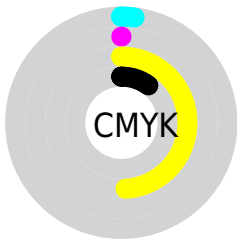
Distribution



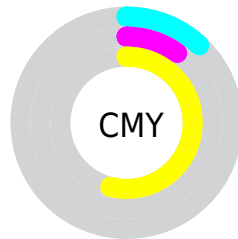
- Red (88%)
- Green (90%)
- Blue (45%)



- Red (45%)
- Yellow (90%)
- Blue (47%)



- Cyan (2%)
- Magenta (0%)
- Yellow (49%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.9220, 33.8890, -35.9910 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 214.9220, 33.8890, -35.9910 by changing the saturation by 10% instead.

214.9220, 33.8890,
-35.9910

214.9220, 33.8890,
-35.9910

255.0000, -0.0000,
-0.0000

186.8510, 32.6510,
-35.5810

245.4240, 26.9640,
-26.1240

159.5520, 32.0550,
-35.7930

248.6160, 17.9760,
-17.4160

132.2530, 31.4590,
-36.0050

251.8080, 8.9880,
-8.7080

104.8140, 34.0730,
-39.3270

82.6530, 24.5810,
-32.4990

60.7910, 15.6850,
-25.4590

40.4020, 6.8350,

-19.2530

■ 19.1050, -5.2700,
-14.6300

■ 0.0000, 0.0000,
0.0000

■ 214.9220, 33.8890,
-35.9910

■ 214.9220, 33.8890,
-35.9910

■ 212.0010, 40.6760,
-43.3560

■ 217.8430, 27.1020,
-28.6260

■ 209.0800, 47.4630,
-50.7210


■ 220.7640, 20.3150,
-21.2610

■ 206.4580, 54.8460,
-57.8740


■ 223.3860, 12.9320,
-14.1080

■ 203.5370, 61.6330,
-65.2390

■ 226.3070, 6.1450,
-6.7430

 200.7300, 68.0990,
-72.2930

 229.2280, -0.6420,
0.6220

 200.5020, 68.7410,
-72.9150

 232.0350, -7.1080,
7.6760

 232.5620, -7.1540,
8.5100

 232.8610, -6.5580,
8.7220

Harmonies

Analogous

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



213.3260, 56.7190, -20.2170



214.9220, 33.8890, -35.9910



207.8480, -15.9930, -46.0810

Triad

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



214.9220, 33.8890, -35.9910



173.4720, -149.5050, -49.3530



210.7640, 22.5970, 36.5250

Complementary

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



214.9220, 33.8890, -35.9910



130.0780, -33.8890, 35.9910

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.



220.3670, 16.2250, 30.8570



214.9220, 33.8890, -35.9910



187.9450, -104.7600, -28.7600

Square

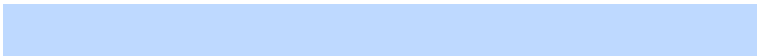
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.9220, 33.8890, -35.9910



175.4780, -149.6420, -52.3780



213.2590, -28.2900, 6.0940



203.3200, 40.8020, 20.4660

Rectangle

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



214.9220, 33.8890, -35.9910



199.1820, -58.0360, -49.5560



213.2590, -28.2900, 6.0940



213.9100, 19.2500, 36.6100

Sweetspot

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



214.9220, 33.8890, -35.9910



250.3690, 11.6020, -12.0300



152.1350, 66.2480, 21.8640



125.0790, 6.7870, -7.3650



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.



214.9220, 33.8890, -35.9910



236.4050, 45.1700, -47.7100



198.1780, 0.5130, -47.8630



113.3330, 3.2560, -3.9440



156.5010, 53.2870, -57.1530



44.5880, 15.1790, -16.2850

Inverse Universe

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



130.0780, -33.8890, 35.9910



123.5950, -45.1700, 47.7100



146.8220, -0.5130, 47.8630



104.6670, -3.2560, 3.9440



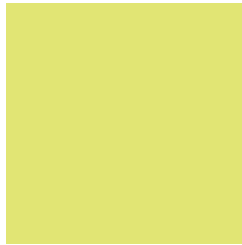
22.2000, -53.8830, 56.9410



6.4120, -15.1790, 16.2850

Previews

White Background



This preview shows how the YIQ color 214.9220, 33.8890, -35.9910 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 214.9220, 33.8890, -35.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

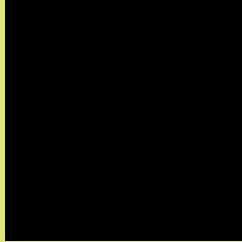
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.9220, 33.8890, -35.9910

Background



This preview shows how black text looks on a background with the YIQ color 214.9220, 33.8890, -35.9910.



This preview shows how white text looks on a background with the YIQ color 214.9220, 33.8890, -35.9910.

-35.9910.

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

214.9220, 33.8890, -35.9910

Protanopia

216.5650, 48.3760, -28.7120

Deuteranopia

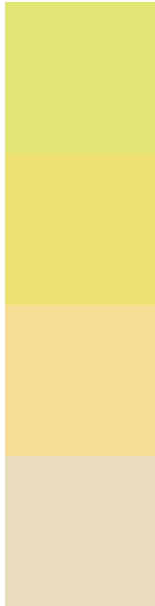
222.0750, 38.9730, -6.9710



Tritanopia

224.5160, 7.6550, 9.9510

Trichromacy



Original Color

214.9220, 33.8890, -35.9910

Protanomaly

216.3470, 43.0580, -31.4540

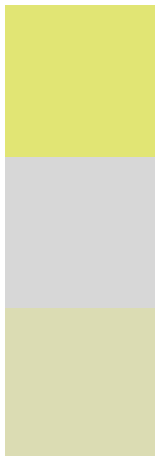
Deuteranomaly

219.5550, 37.1410, -17.8270

Tritanomaly

221.0540, 17.1030, -7.0970

Monochromacy



Original Color

214.9220, 33.8890, -35.9910

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.0270, 12.5650, -12.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.9220, 33.8890, -35.9910 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(225, 229, 116)` looks like.

```
.text, #text, p{  
    color:rgb(225, 229, 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(225, 229, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 229, 116) }
```

Border

The CSS property to change the border of an element to YIQ 214.9220, 33.8890, -35.9910 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(225, 229, 116) }
```


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

```
.border{ border-color:rgb(225, 229, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 229, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 229, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 229, 116); box-shadow:4px 4px 4px 4px rgb(225, 229, 116) }
```

Background

The CSS property to change the background color of an element to YIQ 214.9220, 33.8890, -35.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 229, 116) }
```

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

```
.background{ background-color: rgb(225,  
229, 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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