

Converting Colors

YIQ(210.5730, 35.5890,
-55.7950)

Have a look what the booklet for
YIQ(210.5730, 35.5890, -55.7950)
contains.

YIQ(210.5730, 35.5890, -55.7950)	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(210.5730, 35.5890,
-55.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	D2ED4C
RGB	210, 237, 76
RGB Percent	82%, 93%, 30%
CMY	0.1766, 0.0705, 0.7017
CMYK	0.11, 0.00, 0.68, 0.07
HSL	70°, 82%, 61%
HSV	70°, 68%, 93%
XYZ	58.1606, 74.7929, 18.2209
YIQ	210.5730, 35.5890, -55.7950

Conversions

Conversions Part 2

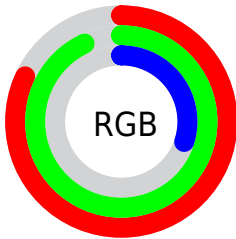
Format	Color
RYB	76, 237, 103
Decimal	13823308
CIELab	89.30, -29.37, 71.33
CIElCh	89, 77.142, 112.380
Yxy	74.7929, 0.3847, 0.4947
Android (android.graphics.Color)	4292013388 (0xFFD2ED4C)
YUV	210.5730, -66.3445, -0.5025
Hunter-Lab	86.4829, -31.3020, 48.0463




Details

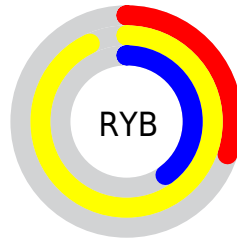
The YIQ color $210.5730, 35.5890, -55.7950$ is a light color, and the websafe version is hex $CCFF66$. The color can be described as light muted yellow. A complement of this color would be $102.4270, -35.5890, 55.7950$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $241.0920, 39.1620, -37.9420$, and $151.6950, 40.8170, -62.4390$ is the 20% darker color. If you saturate the color by 10%, you get $206.6410, 40.9090, -64.1070$, and if you desaturate by 10%, it is $214.5050, 30.2690, -47.4830$.

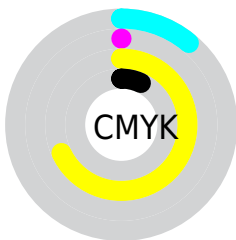
Distribution







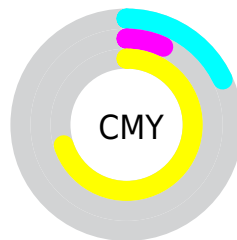
-  Red (82%)
-  Green (93%)
-  Blue (30%)






-  Red (30%)
-  Yellow (93%)
-  Blue (40%)



-  Cyan (11%)
-  Magenta (0%)
-  Yellow (68%)
-  Black (7%)



-  Cyan (18%)
-  Magenta (7%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.5730, 35.5890, -55.7950 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 210.5730, 35.5890, -55.7950 by changing the saturation by 10% instead.

210.5730, 35.5890,
-55.7950

210.5730, 35.5890,
-55.7950

255.0000, -0.0000,
-0.0000

181.9320, 35.9560,
-56.9400

241.0920, 39.1620,
-37.9420

151.6950, 40.8170,
-62.4390

244.3980, 29.8530,
-28.9230

127.1750, 30.9580,
-54.4660

247.5900, 20.8650,
-20.2150

103.8400, 22.0160,
-46.5920

250.8960, 11.5560,
-11.1960

80.7930, 12.2030,
-39.4530

254.3160, 1.9260,
-1.8660

58.3330, 2.1150,
-32.8370

35.2640, -10.6320,

-27.5920

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 210.5730, 35.5890,
-55.7950

■ 210.5730, 35.5890,
-55.7950

■ 206.6410, 40.9090,
-64.1070

■ 214.5050, 30.2690,
-47.4830

■ 202.8230, 45.9080,
-72.1080

■ 218.3230, 25.2700,
-39.4820

■ 198.8910, 51.2280,
-80.4200

■ 222.2550, 19.9500,
-31.1700

■ 198.0220, 52.2370,
-82.1870

■ 226.1870, 14.6300,
-22.8580

■ 230.1190, 9.3100,
-14.5460

■ 233.9370, 4.3110,
-6.5450

■ 237.8690, -1.0090,
1.7670

■ 240.5470, -2.7980,
6.6580

■ 241.7430, -0.4140,
7.5060

Harmonies

Analogous

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



209.5010, 71.6230, -37.0250



210.5730, 35.5890, -55.7950



197.7270, -41.2980, -66.5620

Triad

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



210.5730, 35.5890, -55.7950



178.1680, -151.7050, -53.5370



197.0350, 29.5640, 47.9320

Complementary

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



210.5730, 35.5890, -55.7950



102.4270, -35.5890, 55.7950

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.



211.5620, 20.3500, 38.7020



210.5730, 35.5890, -55.7950



168.7760, -147.3050, -45.1690

Square

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



210.5730, 35.5890, -55.7950



178.7550, -151.9800, -54.0600



211.8080, -25.4020, 8.8220



190.4740, 52.1720, 23.6600

Rectangle

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



210.5730, 35.5890, -55.7950



169.8630, -126.9420, -78.3180



211.8080, -25.4020, 8.8220



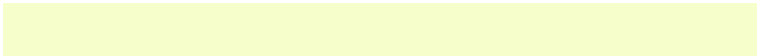
201.5830, 25.0250, 47.5930

Sweetspot

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



210.5730, 35.5890, -55.7950



246.4950, 11.0070, -17.7690



139.9880, 88.5310, 20.0110



122.6720, 6.3750, -10.9130



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.



210.5730, 35.5890, -55.7950



220.9370, 45.5870, -71.7970



186.6530, -12.0910, -72.7550



115.1480, 2.3390, -3.8450



151.3960, 40.2210, -62.6510



45.1530, 11.9700, -18.7020

Inverse Universe

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



102.4270, -35.5890, 55.7950



82.0630, -45.5870, 71.7970



126.3470, 12.0910, 72.7550



107.8520, -2.3390, 3.8450



29.6040, -40.2210, 62.6510



8.8470, -11.9700, 18.7020

Previews

White Background



This preview shows how the YIQ color 210.5730, 35.5890, -55.7950 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 210.5730, 35.5890, -55.7950 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 210.5730, 35.5890, -55.7950

Background



This preview shows how black text looks on a background with the YIQ color 210.5730, 35.5890, -55.7950.



This preview shows how white text looks on a background with the YIQ color 210.5730, 35.5890, -55.7950.

-55.7950.

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

210.5730, 35.5890, -55.7950

Protanopia

214.8590, 64.5630, -41.2370

Deuteranopia

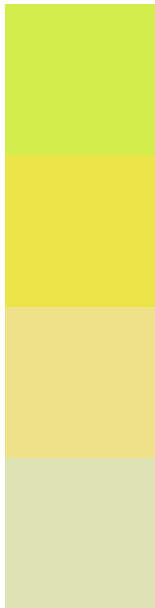
223.3630, 38.1020, -7.7060



Tritanopia

224.8460, -2.2020, 6.8700

Trichromacy



Original Color

210.5730, 35.5890, -55.7950

Protanomaly

213.4230, 53.9270, -46.7210

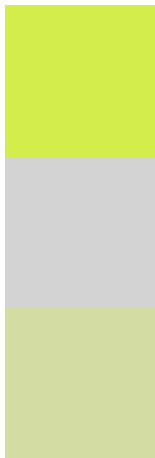
Deuteranomaly

218.9260, 37.2340, -25.0220

Tritanomaly

219.8480, 11.5110, -15.8890

Monochromacy



Original Color

210.5730, 35.5890, -55.7950

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.6970, 13.2540, -19.9460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.5730, 35.5890, -55.7950 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(210, 237, 76)` looks like.

```
.text, #text, p{  
    color:rgb(210, 237, 76)  
}
```

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(210, 237, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 237, 76) }
```

Border

The CSS property to change the border of an element to YIQ 210.5730, 35.5890, -55.7950 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(210, 237, 76) }
```


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

```
.border{ border-color:rgb(210, 237, 76) }
```

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

Here you see how a box with a 4 pixel rgb(210, 237, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 237, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 237, 76);  
box-shadow:4px 4px 4px 4px rgb(210, 237,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 210.5730, 35.5890, -55.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 237, 76) }
```

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

```
.background{ background-color: rgb(210,  
237, 76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor