

Converting Colors

YIQ(211.3110, 67.9610,
-69.7910)

Have a look what the booklet for
YIQ(211.3110, 67.9610, -69.7910)
contains.

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Color

**YIQ(211.3110, 67.9610,
-69.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EE11
RGB	233, 238, 17
RGB Percent	91%, 93%, 7%
CMY	0.0864, 0.0666, 0.9328
CMYK	0.02, 0.00, 0.93, 0.07
HSL	61°, 87%, 50%
HSV	61°, 93%, 93%
XYZ	64.2689, 78.5080, 12.3012
YIQ	211.3110, 67.9610, -69.7910

Conversions

Conversions Part 2

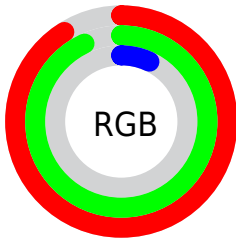
Format	Color
R_{YB}	17, 238, 22
Decimal	15330833
CIE _{Lab}	91.01, -22.40, 87.82
CIE _{LCh}	91, 90.628, 104.308
Yxy	78.5080, 0.4144, 0.5062
Android (android.graphics.Color)	4293520913 (0xFFE9EE11)
YUV	211.3110, -95.7953, 19.0213
Hunter-Lab	88.6047, -25.5845, 53.7920

Details

The YIQ color **211.3110, 67.9610, -69.7910** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **43.6890, -67.9610, 69.7910**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.8740, 51.0390, -49.4490**, and **158.5610, 53.0580, -58.5100** is the 20% darker color. If you saturate the color by 10%, you get **209.3730, 73.4180, -75.0780**, and if you desaturate by 10%, it is **214.3460, 60.8530, -62.1150**.

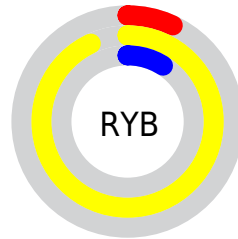
Distribution



Red (91%)

Green (93%)

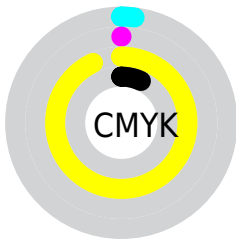
Blue (7%)



Red (7%)

Yellow (93%)

Blue (9%)

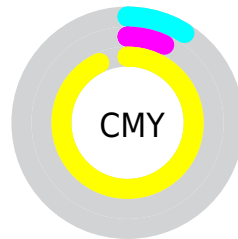


Cyan (2%)

Magenta (0%)

Yellow (93%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.3110, 67.9610, -69.7910 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 211.3110, 67.9610, -69.7910 by changing the saturation by 10% instead.

211.3110, 67.9610,
-69.7910

211.3110, 67.9610,
-69.7910

255.0000, -0.0000,
-0.0000

183.9670, 63.2380,
-66.7940

236.8740, 51.0390,
-49.4490

158.5610, 53.0580,
-58.5100

240.4080, 41.0880,
-39.8080

134.3290, 42.3280,
-51.2720

243.8280, 31.4580,
-30.4780

110.3960, 32.1940,
-43.8220

247.1340, 22.1490,
-21.4590

87.3490, 22.3810,
-36.6830

250.5540, 12.5190,
-12.1290

64.8890, 12.2930,
-30.0670

253.9740, 2.8890,

43.3150, 2.5260,

-2.7990

-23.7620

■ 21.4310, -9.3040,
-18.6160

■ 4.1090, -1.9250,
-3.6610

■ 211.3110, 67.9610,
-69.7910

■ 211.3110, 67.9610,
-69.7910

■ 209.3730, 73.4180,
-75.0780

■ 214.3460, 60.8530,
-62.1150

■ 217.0820, 53.1490,
-54.6510

■ 220.1170, 46.0410,
-46.9750

■ 222.7390, 38.6580,
-39.8220

■ 225.7740, 31.5500,
-32.1460

■ 228.5100, 23.8460,
-24.6820

■ 231.5450, 16.7380,
-17.0060

■ 234.2810, 9.0340,
-9.5420

■ 237.2020, 2.2470,
-2.1770

Harmonies

Analogous

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



202.7870, 82.2610, -42.5950



211.3110, 67.9610, -69.7910



199.8690, -21.6270, -76.1470

Triad

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



211.3110, 67.9610, -69.7910



178.7550, -151.9800, -54.0600



193.9520, 28.6000, 54.3920

Complementary

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



211.3110, 67.9610, -69.7910



43.6890, -67.9610, 69.7910

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.



215.0840, 18.7000, 35.5640



211.3110, 67.9610, -69.7910



176.9940, -151.1550, -52.4910

Square

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



211.3110, 67.9610, -69.7910



178.7550, -151.9800, -54.0600



199.1180, -68.0380, -11.4460



182.5470, 51.0690, 38.1490

Rectangle

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



211.3110, 67.9610, -69.7910



166.7850, -118.2750, -86.7150



199.1180, -68.0380, -11.4460



199.8220, 25.8500, 49.1620

Sweetspot

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



211.3110, 67.9610, -69.7910



246.3080, 21.5990, -22.5050



85.4270, 130.6160, 44.7600



122.6850, 13.5280, -13.8960



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.



211.3110, 67.9610, -69.7910



224.1360, 78.2790, -80.5770



178.7200, 2.9970, -92.8990



118.6320, 3.8520, -3.7320



161.5290, 56.0840, -58.2840



49.3170, 17.3800, -17.6280

Inverse Universe

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



43.6890, -67.9610, 69.7910



30.8640, -78.2790, 80.5770



76.2800, -2.9970, 92.8990



109.3680, -3.8520, 3.7320



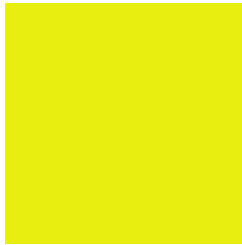
22.1720, -56.6800, 58.0720



6.6830, -17.3800, 17.6280

Previews

White Background



This preview shows how the YIQ color 211.3110, 67.9610, -69.7910 looks on a white background.

Color Contrast Check

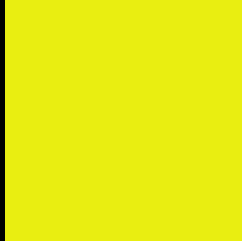
Large Text (above 18pt) WCAG AA × Fail

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 211.3110, 67.9610, -69.7910 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 211.3110, 67.9610, -69.7910

Background



This preview shows how black text looks on a background with the YIQ color 211.3110, 67.9610, -69.7910.



This preview shows how white text looks on a background with the YIQ color 211.3110, 67.9610, -69.7910.

-69.7910.

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

211.3110, 67.9610, -69.7910

Protanopia

220.7000, 60.7570, -38.3390

Deuteranopia

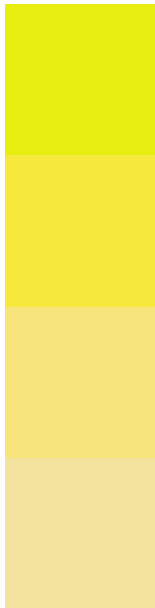
228.5950, 31.6370, -6.1790



Tritanopia

231.4240, 10.9100, 11.5340

Trichromacy



Original Color

211.3110, 67.9610, -69.7910

Protanomaly

217.1050, 63.5100, -49.6900

Deuteranomaly

222.2980, 44.7540, -29.1500

Tritanomaly

223.9180, 31.6850, -18.0670

Monochromacy



Original Color

211.3110, 67.9610, -69.7910

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.1680, 24.8090, -25.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.3110, 67.9610, -69.7910 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(233, 238, 17)` looks like.

```
.text, #text, p{  
    color:rgb(233, 238, 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(233, 238, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 238, 17) }
```

Border

The CSS property to change the border of an element to YIQ 211.3110, 67.9610, -69.7910 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(233, 238, 17) }
```


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

```
.border{ border-color:rgb(233, 238, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 238, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 238, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 238, 17);  
box-shadow:4px 4px 4px 4px rgb(233, 238,  
17) }
```

Background

The CSS property to change the background color of an element to YIQ 211.3110, 67.9610, -69.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 238, 17) }
```

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

```
.background{ background-color: rgb(233,  
238, 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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