

Converting Colors

YIQ(211.2550, 88.7300,
-66.2300)

Have a look what the booklet for
YIQ(211.2550, 88.7300, -66.2300)
contains.

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Color

**YIQ(211.2550, 88.7300,
-66.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE600
RGB	255, 230, 0
RGB Percent	100%, 90%, 0%
CMY	0.0001, 0.0981, 0.9993
CMYK	0.00, 0.10, 1.00, 0.00
HSL	54°, 100%, 50%
HSV	54°, 100%, 100%
XYZ	69.5266, 77.8437, 11.3648
YIQ	211.2550, 88.7300, -66.2300

Conversions

Conversions Part 2

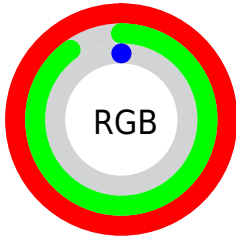
Format	Color
R _Y B	28, 255, 0
Decimal	16770560
CIE Lab	90.71, -9.44, 89.81
CIE LCh	91, 90.308, 95.998
Yxy	77.8437, 0.4380, 0.4904
Android (android.graphics.Color)	4294960640 (0xFFFFE600)
YUV	211.2550, -104.1487, 38.3644
Hunter-Lab	88.2291, -13.7386, 54.1232

Details

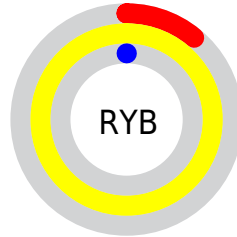
The YIQ color **211.2550, 88.7300, -66.2300** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **43.7450, -88.7300, 66.2300**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.4180, 52.3230, -50.6930**, and **160.4320, 66.9030, -50.6090** is the 20% darker color. If you saturate the color by 10%, you get **211.2550, 88.7300, -66.2300**, and if you desaturate by 10%, it is **215.3930, 79.8340, -59.1900**.

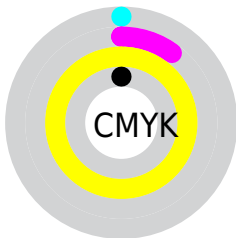
Distribution



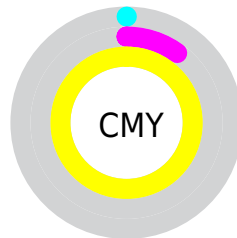
- Red (100%)
- Green (90%)
- Blue (0%)



- Red (11%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (100%)
- Black (0%)




- Cyan (0%)
- Magenta (10%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.2550, 88.7300, -66.2300 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 211.2550, 88.7300, -66.2300 by changing the saturation by 10% instead.


 211.2550, 88.7300,
-66.2300


 211.2550, 88.7300,
-66.2300


255.0000, -0.0000,
-0.0000


 185.5500, 77.9540,
-58.1580


 236.4180, 52.3230,
-50.6930


 160.4320, 66.9030,
-50.6090


 239.8380, 42.6930,
-41.3630


 136.2000, 56.1730,
-43.3710


 243.2580, 33.0630,
-32.0330


 112.2670, 46.0390,
-35.9210

 246.6780, 23.4330,
-22.7030

 89.5080, 35.3550,
-29.5170

 250.0980, 13.8030,
-13.3730

 67.0480, 25.2670,
-22.9010

 253.5180, 4.1730,

 46.0610, 15.2250,

-4.0430

-17.1190

■ 26.5580, 6.6960,
-11.2240

■ 2.9350, -1.3750,
-2.6150

■ 211.2550, 88.7300,
-66.2300

■ 215.3930, 79.8340,
-59.1900

■ 220.0040, 70.9840,
-52.9840

■ 224.1420, 62.0880,
-45.9440

■ 228.7530, 53.2380,
-39.7380

■ 232.8910, 44.3420,
-32.6980

■ 237.5020, 35.4920,
-26.4920

■ 241.6400, 26.5960,
-19.4520

■ 246.2510, 17.7460,
-13.2460

■ 250.3890, 8.8500,
-6.2060

Harmonies

Analogous

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



199.1970, 78.5910, -31.1450



211.2550, 88.7300, -66.2300



205.2820, 5.0110, -74.3250

Triad

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



211.2550, 88.7300, -66.2300



178.7550, -151.9800, -54.0600



198.6480, 26.4000, 50.2080

Complementary

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



211.2550, 88.7300, -66.2300



43.7450, -88.7300, 66.2300

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.



220.3560, 14.7580, 29.9100



211.2550, 88.7300, -66.2300



178.7550, -151.9800, -54.0600

Square

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



211.2550, 88.7300, -66.2300



177.5010, -148.4490, -57.4810



165.8410, -145.9300, -42.5540



183.5220, 44.1900, 47.1820

Rectangle

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



211.2550, 88.7300, -66.2300



182.8860, -73.0230, -80.8230



165.8410, -145.9300, -42.5540



205.6920, 23.1000, 43.9320

Sweetspot

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



211.2550, 88.7300, -66.2300



241.6400, 26.5960, -19.4520



79.2090, 143.6340, 62.1460



119.8210, 16.1410, -11.6910



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.



211.2550, 88.7300, -66.2300



195.4320, 21.0630, -100.9290



125.3440, 4.7230, -2.9970



158.0730, 66.5360, -49.4640



52.5950, 22.4690, -16.2430

Inverse Universe

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



43.7450, -88.7300, 66.2300



59.5680, -21.0630, 100.9290



117.0690, -4.4480, 3.5200



32.9270, -66.5360, 49.4640



10.8180, -22.1940, 16.7660

Previews

White Background



This preview shows how the YIQ color 211.2550, 88.7300, -66.2300 looks on a white background.

Color Contrast Check

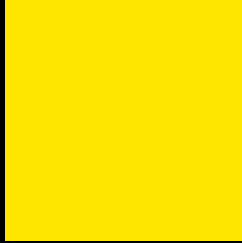
Large Text (above 18pt) WCAG AA × Fail

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 211.2550, 88.7300, -66.2300 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 211.2550, 88.7300, -66.2300

Background



This preview shows how black text looks on a background with the YIQ color 211.2550, 88.7300, -66.2300.



This preview shows how white text looks on a background with the YIQ color 211.2550, 88.7300, -66.2300.

-66.2300.

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

211.2550, 88.7300, -66.2300

Protanopia

219.7880, 63.3250, -40.8270

Deuteranopia

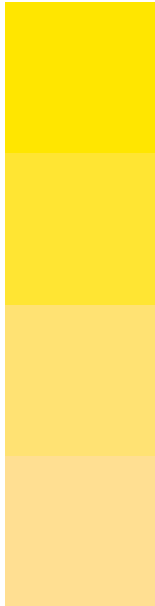
228.3670, 32.2790, -6.8010



Tritanopia

231.0180, 17.9250, 11.0530

Trichromacy



Original Color

211.2550, 88.7300, -66.2300

Protanomaly

216.4820, 72.6340, -49.8460

Deuteranomaly

222.0170, 52.9150, -28.3730

Tritanomaly

223.7900, 43.7890, -17.1630

Monochromacy



Original Color

211.2550, 88.7300, -66.2300

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.1150, 32.3280, -24.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.2550, 88.7300, -66.2300 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(255, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 0)  
}
```

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(255, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 0) }
```

Border

The CSS property to change the border of an element to YIQ 211.2550, 88.7300, -66.2300 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(255, 230, 0) }
```

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

```
.border{ border-color:rgb(255, 230, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 230, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 211.2550, 88.7300, -66.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 0) }
```

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

```
.background{ background-color: rgb(255,  
230, 0) }
```

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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