

Converting Colors

YIQ(238.5130, 44.9860,
-44.3740)

Have a look what the booklet for
YIQ(238.5130, 44.9860, -44.3740)
contains.

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Color

**YIQ(238.5130, 44.9860,
-44.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFF71
RGB	254, 255, 113
RGB Percent	100%, 100%, 44%
CMY	0.0040, 0.0000, 0.5566
CMYK	0.00, 0.00, 0.56, 0.00
HSL	60°, 100%, 72%
HSV	60°, 56%, 100%
XYZ	79.6094, 93.7804, 29.5501
YIQ	238.5130, 44.9860, -44.3740

Conversions

Conversions Part 2

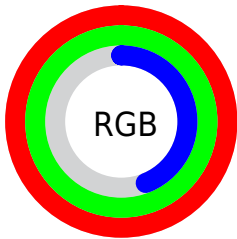
Format	Color
R_{YB}	113, 255, 114
Decimal	16711537
CIE Lab	97.54, -18.10, 66.28
CIE LCh	98, 68.702, 105.271
Yxy	93.7804, 0.3923, 0.4621
Android (android.graphics.Color)	4294901617 (0xFFFEFF71)
YUV	238.5130, -61.8779, 13.5821
Hunter-Lab	96.8403, -22.7312, 49.6963

Details

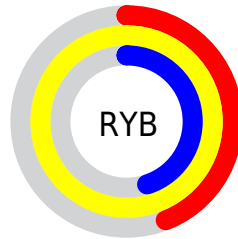
The YIQ color **238.5130, 44.9860, -44.3740** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **129.4870, -44.9860, 44.3740**, and the grayscale version is **239.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.1960, 27.6060, -26.7460**, and **181.0290, 43.4730, -44.4870** is the 20% darker color. If you saturate the color by 10%, you get **235.6630, 53.0110, -52.1490**, and if you desaturate by 10%, it is **241.4770, 36.6400, -36.2880**.

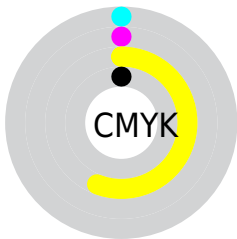
Distribution



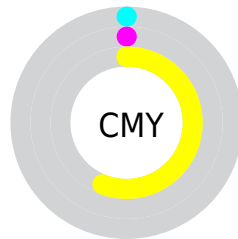
- Red (100%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.5130, 44.9860, -44.3740 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 238.5130, 44.9860, -44.3740 by changing the saturation by 10% instead.


 238.5130, 44.9860,
-44.3740


 238.5130, 44.9860,
-44.3740


255.0000, -0.0000,
-0.0000

 209.3280, 44.0690,
-44.2750


 245.1960, 27.6060,
-26.7460


 181.0290, 43.4730,
-44.4870


 248.3880, 18.6180,
-18.0380

 152.6330, 44.5280,
-47.0880

 251.6940, 9.3090,
-9.0190

 126.0780, 41.7770,
-46.7910

 102.4440, 32.2390,
-39.1290

 80.5820, 23.3430,
-32.0890

 58.4210, 13.8510,

-25.2610

■ 37.7330, 4.4050,
-19.2670

■ 17.0230, -7.9750,
-15.1670

■ 238.5130, 44.9860,
-44.3740

■ 238.5130, 44.9860,
-44.3740

■ 235.6630, 53.0110,
-52.1490

■ 241.4770, 36.6400,
-36.2880

■ 232.6990, 61.3570,
-60.2350

■ 244.3270, 28.6150,
-28.5130

■ 229.5500, 68.7860,
-68.2220

■ 247.5900, 20.8650,
-20.2150

■ 226.5860, 77.1320,
-76.3080

■ 250.4400, 12.8400,
-12.4400

■ 225.3320, 80.6630,
-79.7290

■ 253.4040, 4.4940,
-4.3540

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

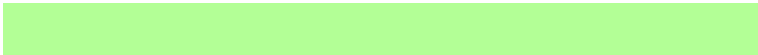
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.2400, 50.6690, -31.7230



238.5130, 44.9860, -44.3740



220.3060, -11.5910, -48.7670

Triad

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



238.5130, 44.9860, -44.3740



178.7550, -151.9800, -54.0600



219.7800, 16.5000, 31.3800

Complementary

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



238.5130, 44.9860, -44.3740



129.4870, -44.9860, 44.3740

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.



232.6940, 10.4500, 19.8740



238.5130, 44.9860, -44.3740



178.7550, -151.9800, -54.0600

Square

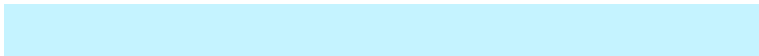
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.5130, 44.9860, -44.3740



178.7550, -151.9800, -54.0600



230.6140, -31.2680, -6.0200



213.5730, 29.8440, 20.8200

Rectangle

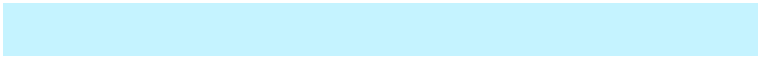
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.5130, 44.9860, -44.3740



204.8330, -64.3630, -50.5310



230.6140, -31.2680, -6.0200



223.3020, 14.8500, 28.2420

Sweetspot

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



238.5130, 44.9860, -44.3740



250.0980, 13.8030, -13.3730



155.4580, 84.6320, 30.1040



124.7370, 7.7500, -8.2980



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.



238.5130, 44.9860, -44.3740



235.2070, 54.2950, -53.3930



217.5830, 3.2660, -59.2140



126.2190, 3.5770, -4.2550



168.9270, 60.7150, -59.6130



56.4050, 19.9480, -20.1160

Inverse Universe

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



129.4870, -44.9860, 44.3740



103.7930, -54.2950, 53.3930



150.4170, -3.2660, 59.2140



116.4820, -4.1730, 4.0430



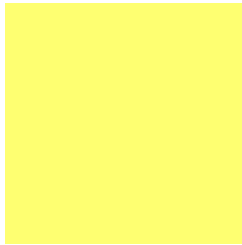
22.0730, -60.7150, 59.6130



7.2960, -20.5440, 19.9040

Previews

White Background



This preview shows how the YIQ color 238.5130, 44.9860, -44.3740 looks on a white background.

Color Contrast Check

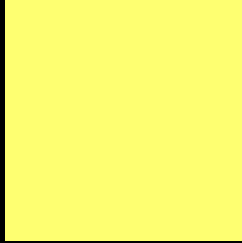
Large Text (above 18pt) WCAG AA × Fail

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 238.5130, 44.9860, -44.3740 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 238.5130, 44.9860, -44.3740

Background



This preview shows how black text looks on a background with the YIQ color 238.5130, 44.9860, -44.3740.



This preview shows how white text looks on a background with the YIQ color 238.5130, 44.9860, -44.3740.

-44.3740.

Color Blindness Simulation

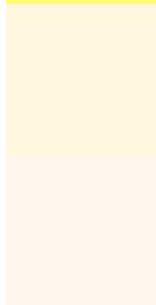
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

238.5130, 44.9860, -44.3740



Protanopia

247.2430, 12.1970, -6.2910

Deuteranopia

247.6650, 8.2530, -0.8910



Tritanopia

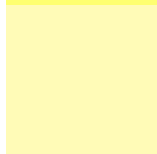
248.6740, 4.0340, 3.9860

Trichromacy



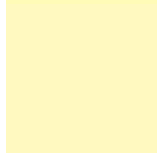
Original Color

238.5130, 44.9860, -44.3740



Protanomaly

244.4440, 24.2120, -20.3000



Deuteranomaly

244.2960, 21.8730, -16.4550



Tritanomaly

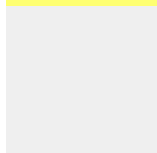
245.3220, 18.9840, -13.6560

Monochromacy



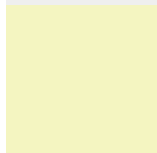
Original Color

238.5130, 44.9860, -44.3740



Achromatopsia

239.0000, -0.0000, -0.0000



Achromatomaly

238.7730, 16.0960, -16.3840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.5130, 44.9860, -44.3740 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(254, 255, 113)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 113)  
}
```

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(254, 255, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 113) }
```

Border

The CSS property to change the border of an element to YIQ 238.5130, 44.9860, -44.3740 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(254, 255, 113) }
```


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

```
.border{ border-color:rgb(254, 255, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 113);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 238.5130, 44.9860, -44.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 113) }
```

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

```
.background{ background-color: rgb(254,  
255, 113) }
```

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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