

Converting Colors

YIQ(236.4130, 42.6920,
-35.8360)

Have a look what the booklet for
YIQ(236.4130, 42.6920, -35.8360)
contains.

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Color

**YIQ(236.4130, 42.6920,
-35.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF880
RGB	255, 248, 128
RGB Percent	100%, 97%, 50%
CMY	0.0001, 0.0274, 0.4978
CMYK	0.00, 0.03, 0.50, 0.00
HSL	57°, 100%, 75%
HSV	57°, 50%, 100%
XYZ	78.7016, 89.9503, 33.6593
YIQ	236.4130, 42.6920, -35.8360

Conversions

Conversions Part 2

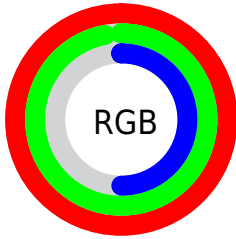
Format	Color
R_{YB}	135, 255, 128
Decimal	16775296
CIE _{Lab}	95.98, -13.14, 57.83
CIE _{LCh}	96, 59.304, 102.799
Yxy	89.9503, 0.3890, 0.4446
Android (android.graphics.Color)	4294965376 (0xFFFFFFFF880)
YUV	236.4130, -53.4476, 16.3008
Hunter-Lab	94.8421, -17.8513, 45.3476

Details

The YIQ color **236.4130, 42.6920, -35.8360** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **146.5870, -42.6920, 35.8360**, and the grayscale version is **237.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.7920, 23.1120, -22.3920**, and **179.7440, 40.2620, -35.8500** is the 20% darker color. If you saturate the color by 10%, you get **232.9760, 50.9920, -43.0880**, and if you desaturate by 10%, it is **239.9640, 34.0710, -28.2730**.

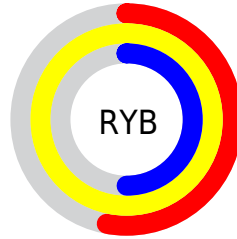
Distribution



Red (100%)

Green (97%)

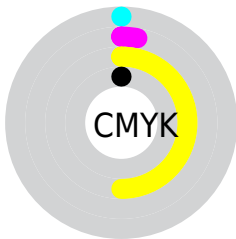
Blue (50%)



Red (53%)

Yellow (100%)

Blue (50%)

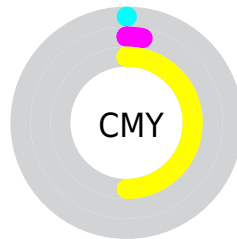


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.4130, 42.6920, -35.8360 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 236.4130, 42.6920, -35.8360 by changing the saturation by 10% instead.

236.4130, 42.6920,
-35.8360

236.4130, 42.6920,
-35.8360

255.0000, -0.0000,
-0.0000

207.9290, 41.1790,
-35.9490

246.7920, 23.1120,
-22.3920

179.7440, 40.2620,
-35.8500

250.0980, 13.8030,
-13.3730

152.1460, 39.0700,
-36.2740

253.4040, 4.4940,
-4.3540

124.7500, 40.1250,
-38.8750

99.8190, 35.6770,
-35.3550

77.6580, 26.1850,
-28.5270

56.3830, 17.0140,

-22.0100

■ 35.6950, 7.5680,
-16.0160

■ 14.6750, -6.8750,
-13.0750

■ 236.4130, 42.6920,
-35.8360

■ 236.4130, 42.6920,
-35.8360

■ 232.9760, 50.9920,
-43.0880

■ 239.9640, 34.0710,
-28.2730

■ 228.8380, 59.8880,
-50.1280

■ 243.9880, 25.4960,
-21.5440

■ 225.4010, 68.1880,
-57.3800

■ 247.5390, 16.8750,
-13.9810

■ 221.2630, 77.0840,
-64.4200

■ 251.5630, 8.3000,
-7.2520

■ 217.8260, 85.3840, 255.0000, -0.0000,
-71.6720 -0.0000

■ 217.7120, 85.7050,
-71.9830

Harmonies

Analogous

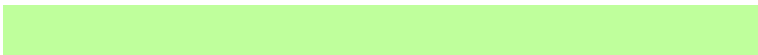
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.2430, 46.5870, -23.8210



236.4130, 42.6920, -35.8360



224.5780, -6.3650, -44.3570

Triad

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



236.4130, 42.6920, -35.8360



178.7550, -151.9800, -54.0600



223.3020, 14.8500, 28.2420

Complementary

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



236.4130, 42.6920, -35.8360



146.5870, -42.6920, 35.8360

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.



233.8680, 9.9000, 18.8280



236.4130, 42.6920, -35.8360



195.4990, -118.6040, -42.1880

Square

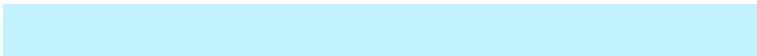
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.4130, 42.6920, -35.8360



178.7550, -151.9800, -54.0600



228.8420, -31.9100, -5.3980



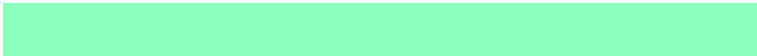
217.0780, 26.8640, 19.7600

Rectangle

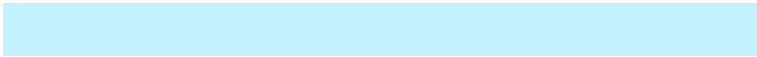
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.4130, 42.6920, -35.8360



213.3900, -46.7580, -44.6940



228.8420, -31.9100, -5.3980



226.2370, 13.4750, 25.6270

Sweetspot

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



236.4130, 42.6920, -35.8360



249.4940, 12.7480, -10.7720



166.9990, 72.8030, 29.7230



124.2040, 7.9330, -6.1070



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

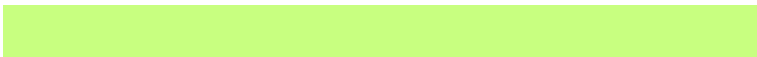
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.4130, 42.6920, -35.8360



232.8620, 51.3130, -43.3990



224.0770, 7.9870, -51.1570



125.9310, 4.4480, -3.5200



163.3560, 64.0610, -54.1710



54.3560, 21.6440, -17.8120

Inverse Universe

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



146.5870, -42.6920, 35.8360



124.1380, -51.3130, 43.3990



158.9230, -7.9870, 51.1570



116.4820, -4.1730, 4.0430



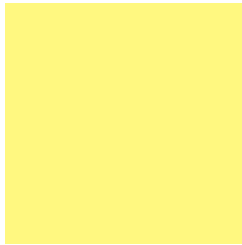
28.2310, -64.3360, 53.6480



9.6440, -21.6440, 17.8120

Previews

White Background



This preview shows how the YIQ color 236.4130, 42.6920, -35.8360 looks on a white background.

Color Contrast Check

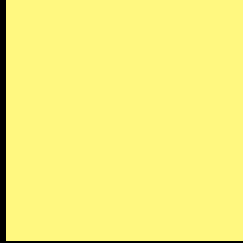
Large Text (above 18pt) WCAG AA × Fail

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 236.4130, 42.6920, -35.8360 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 236.4130, 42.6920, -35.8360

Background



This preview shows how black text looks on a background with the YIQ color 236.4130, 42.6920, -35.8360.



This preview shows how white text looks on a background with the YIQ color 236.4130, 42.6920, -35.8360.

-35.8360.

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

236.4130, 42.6920, -35.8360

Protanopia

241.8000, 20.6340, -10.5180

Deuteranopia

243.5900, 12.8380, -1.3860



Tritanopia

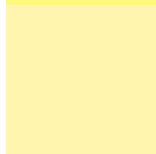
244.8100, 6.6470, 6.1910

Trichromacy



Original Color

236.4130, 42.6920, -35.8360



Protanomaly

239.8960, 28.7510, -19.9610



Deuteranomaly

241.2470, 23.5690, -14.1510



Tritanomaly

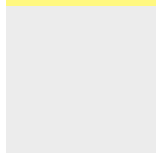
241.5550, 19.9460, -9.0620

Monochromacy



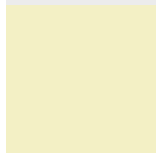
Original Color

236.4130, 42.6920, -35.8360



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

235.9950, 15.5910, -12.7370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.4130, 42.6920, -35.8360 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, 248, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 128)  
}
```

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, 248, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 128) }
```

Border

The CSS property to change the border of an element to YIQ 236.4130, 42.6920, -35.8360 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, 248, 128) }
```


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

```
.border{ border-color:rgb(255, 248, 128) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 236.4130, 42.6920, -35.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 128) }
```

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

```
.background{ background-color: rgb(255,  
248, 128) }
```

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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