

Converting Colors

YIQ(221.2530, 30.3180,
-64.8980)

Have a look what the booklet for
YIQ(221.2530, 30.3180, -64.8980)
contains.

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Color

**YIQ(221.2530, 30.3180,
-64.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FF4D
RGB	210, 255, 77
RGB Percent	82%, 100%, 30%
CMY	0.1767, 0.0000, 0.6978
CMYK	0.18, 0.00, 0.70, 0.00
HSL	75°, 100%, 65%
HSV	75°, 70%, 100%
XYZ	63.6644, 85.7502, 20.2294
YIQ	221.2530, 30.3180, -64.8980

Conversions

Conversions Part 2

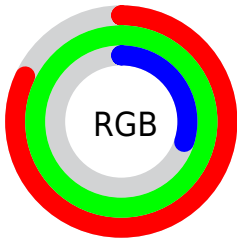
Format	Color
RYB	77, 255, 122
Decimal	13827917
CIELab	94.21, -37.55, 75.89
CIELCh	94, 84.667, 116.324
Yxy	85.7502, 0.3753, 0.5055
Android (android.graphics.Color)	4292017997 (0xFFD2FF4D)
YUV	221.2530, -71.1167, -9.8689
Hunter-Lab	92.6014, -39.3320, 51.8687

Details

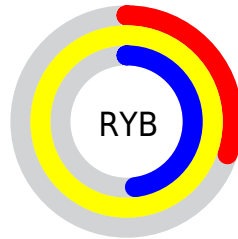
The YIQ color **221.2530, 30.3180, -64.8980** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **110.7470, -30.3180, 64.8980**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3200, 38.5200, -37.3200**, and **161.3750, 35.5460, -71.5420** is the 20% darker color. If you saturate the color by 10%, you get **216.3100, 34.1710, -74.1570**, and if you desaturate by 10%, it is **226.0110, 25.5480, -55.5400**.

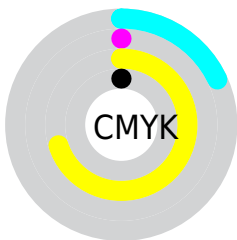
Distribution



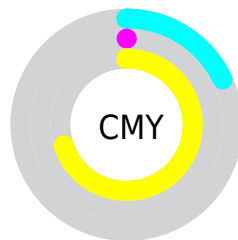
- Red (82%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (48%)



- Cyan (18%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 221.2530, 30.3180, -64.8980 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 221.2530, 30.3180, -64.8980 by changing the saturation by 10% instead.

 221.2530, 30.3180,
-64.8980


 221.2530, 30.3180,
-64.8980


255.0000, -0.0000,
-0.0000


 191.4980, 31.0060,
-66.3540

 241.4340, 38.1990,
-37.0090


 161.3750, 35.5460,
-71.5420


 244.6260, 29.2110,
-28.3010

 137.1540, 26.2830,
-63.3570


 247.9320, 19.9020,
-19.2820

 112.6340, 16.4240,
-55.3840

 251.3520, 10.2720,
-9.9520

 89.0000, 6.8860,
-47.7220

254.7720, 0.6420,
-0.6220

 64.7570, -5.3110,
-41.4310

 40.5030, -18.9750,

-36.0870

■ 27.0020, -12.6500,
-24.0580

■ 13.5010, -6.3250,
-12.0290

■ 221.2530, 30.3180,
-64.8980

■ 221.2530, 30.3180,
-64.8980

■ 216.3100, 34.1710,
-74.1570

■ 226.0110, 25.5480,
-55.5400

■ 211.5520, 38.9410,
-83.5150

■ 230.9540, 21.6950,
-46.2810

■ 206.9080, 43.3900,
-92.5620

■ 235.7120, 16.9250,
-36.9230

■ 206.4950, 43.1150,
-93.0850

■ 240.6550, 13.0720,
-27.6640

■ 245.4130, 8.3020,
-18.3060

■ 250.3560, 4.4490,
-9.0470

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.



218.3400, 70.1580, -49.0260



221.2530, 30.3180, -64.8980



194.3920, -59.4080, -68.7520

Triad

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



221.2530, 30.3180, -64.8980



178.7550, -151.9800, -54.0600



200.0670, 26.5380, 47.7060

Complementary

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



221.2530, 30.3180, -64.8980



110.7470, -30.3180, 64.8980

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.



213.9100, 19.2500, 36.6100



221.2530, 30.3180, -64.8980



176.4070, -150.8800, -51.9680

Square

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



221.2530, 30.3180, -64.8980



178.7550, -151.9800, -54.0600



224.8760, -10.9140, 10.5740



194.9420, 50.6140, 18.8540

Rectangle

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



221.2530, 30.3180, -64.8980



172.1430, -133.3620, -72.0980



224.8760, -10.9140, 10.5740



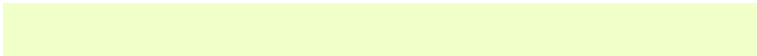
203.3440, 24.2000, 46.0240

Sweetspot

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



221.2530, 30.3180, -64.8980



244.6580, 8.9900, -19.7620



156.6370, 93.7130, 14.2010



121.6610, 4.9080, -11.8600



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.



221.2530, 30.3180, -64.8980



214.4580, 36.5100, -78.0020



194.9410, -22.1300, -83.5540



125.3220, 1.7890, -4.8910



154.8740, 32.7030, -69.5770



51.9200, 11.0080, -23.2960

Inverse Universe

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



110.7470, -30.3180, 64.8980



81.5420, -36.5100, 78.0020



137.3580, 22.7260, 83.7660



117.3790, -2.3850, 4.6790



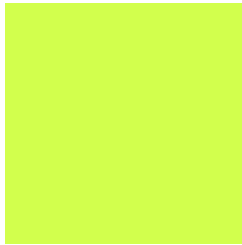
36.1260, -32.7030, 69.5770



12.0800, -11.0080, 23.2960

Previews

White Background



This preview shows how the YIQ color 221.2530, 30.3180, -64.8980 looks on a white background.

Color Contrast Check

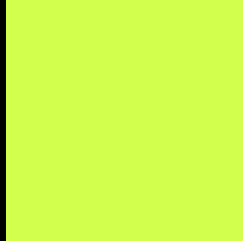
Large Text (above 18pt) WCAG AA × Fail

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 221.2530, 30.3180, -64.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

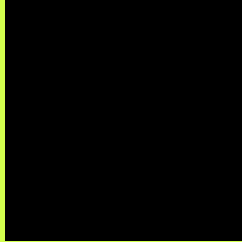
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.2530, 30.3180, -64.8980

Background



This preview shows how black text looks on a background with the YIQ color 221.2530, 30.3180, -64.8980.



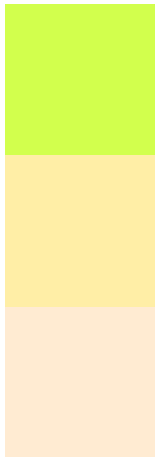
This preview shows how white text looks on a background with the YIQ color 221.2530, 30.3180, -64.8980.

-64.8980.

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

221.2530, 30.3180, -64.8980

Protanopia

234.8750, 33.2440, -18.7880

Deuteranopia

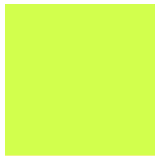
238.1300, 19.9450, -3.5350



Tritanopia

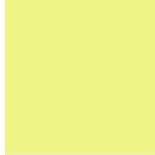
237.5460, -10.2250, 3.5910

Trichromacy



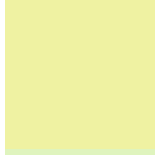
Original Color

221.2530, 30.3180, -64.8980



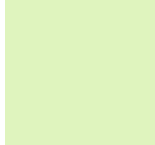
Protanomaly

229.9650, 32.3300, -35.2700



Deuteranomaly

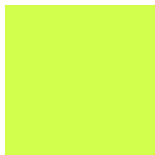
231.9830, 23.8920, -25.5160



Tritanomaly

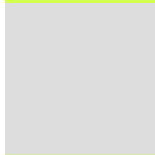
231.5650, 4.8180, -21.2460

Monochromacy



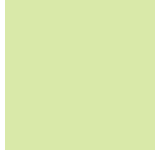
Original Color

221.2530, 30.3180, -64.8980



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.9200, 11.0080, -23.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.2530, 30.3180, -64.8980 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, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 77)  
}
```

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, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 77) }
```

Border

The CSS property to change the border of an element to YIQ 221.2530, 30.3180, -64.8980 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, 255, 77) }
```


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

```
.border{ border-color:rgb(210, 255, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 221.2530, 30.3180, -64.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 77) }
```

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

```
.background{ background-color: rgb(210,  
255, 77) }
```

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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