

Converting Colors

YIQ(221.5630, 49.5760,
-72.5040)

Have a look what the booklet for
YIQ(221.5630, 49.5760, -72.5040)
contains.

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Color

**YIQ(221.5630, 49.5760,
-72.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FF2B
RGB	224, 255, 43
RGB Percent	88%, 100%, 17%
CMY	0.1218, 0.0000, 0.8310
CMYK	0.12, 0.00, 0.83, 0.00
HSL	69°, 100%, 58%
HSV	69°, 83%, 100%
XYZ	66.9219, 87.5340, 15.6630
YIQ	221.5630, 49.5760, -72.5040

Conversions

Conversions Part 2

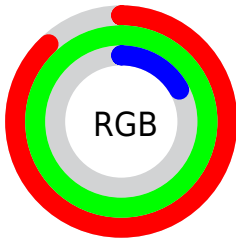
Format	Color
RYB	43, 255, 74
Decimal	14745387
CIELab	94.96, -33.48, 86.52
CIELCh	95, 92.776, 111.153
Yxy	87.5340, 0.3934, 0.5145
Android (android.graphics.Color)	4292935467 (0xFFE0FF2B)
YUV	221.5630, -88.0316, 2.1372
Hunter-Lab	93.5596, -36.0506, 55.5659

Details

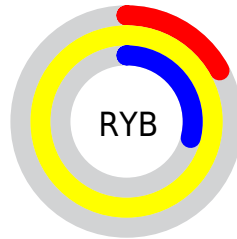
The YIQ color **221.5630, 49.5760, -72.5040** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **76.4370, -49.5760, 72.5040**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5840, 46.2240, -44.7840**, and **165.2620, 43.2940, -68.7860** is the 20% darker color. If you saturate the color by 10%, you get **217.5170, 55.2170, -81.1270**, and if you desaturate by 10%, it is **225.7230, 43.6140, -63.5700**.

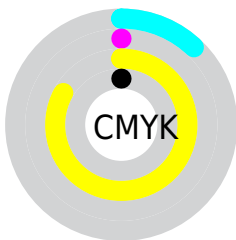
Distribution



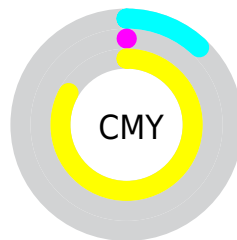
- Red (88%)
- Green (100%)
- Blue (17%)



- Red (17%)
- Yellow (100%)
- Blue (29%)



- Cyan (12%)
- Magenta (0%)
- Yellow (83%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 221.5630, 49.5760, -72.5040 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 221.5630, 49.5760, -72.5040 by changing the saturation by 10% instead.


 221.5630, 49.5760,
-72.5040


 221.5630, 49.5760,
-72.5040

255.0000, -0.0000,
-0.0000


 190.6680, 53.4740,
-77.0700


 238.5840, 46.2240,
-44.7840

 165.2620, 43.2940,
-68.7860


 242.0040, 36.5940,
-35.4540

 140.7420, 33.4350,
-60.8130


 245.4240, 26.9640,
-26.1240

 116.2220, 23.5760,
-52.8400

 248.7300, 17.6550,
-17.1050

 92.8760, 13.1670,
-45.9130

 252.1500, 8.0250,
-7.7750

 69.2310, 2.1620,
-39.1980

 45.2760, -10.9060,

-33.6420

■ 27.5890, -12.9250,
-24.5810

■ 15.2620, -7.1500,
-13.5980

■ 221.5630, 49.5760,
-72.5040

■ 221.5630, 49.5760,
-72.5040

■ 217.5170, 55.2170,
-81.1270

■ 225.7230, 43.6140,
-63.5700

■ 214.8670, 59.8030,
-87.1490

■ 229.4700, 37.3770,
-55.1590

■ 233.6300, 31.4150,
-46.2250

■ 237.6760, 25.7740,
-37.6020

■ 241.8360, 19.8120,
-28.6680

■ 245.5830, 13.5750,
-20.2570

■ 249.7430, 7.6130,
-11.3230

■ 253.7890, 1.9720,
-2.7000

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.



213.1420, 79.2830, -54.7090



221.5630, 49.5760, -72.5040



195.0590, -45.4690, -73.5730

Triad

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



221.5630, 49.5760, -72.5040



178.7550, -151.9800, -54.0600



196.3000, 27.5000, 52.3000

Complementary

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



221.5630, 49.5760, -72.5040



76.4370, -49.5760, 72.5040

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.



215.6710, 18.4250, 35.0410



221.5630, 49.5760, -72.5040



178.7550, -151.9800, -54.0600

Square

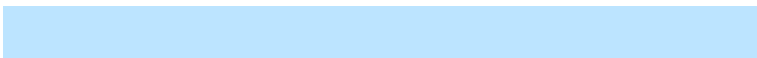
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.5630, 49.5760, -72.5040



178.7550, -151.9800, -54.0600



219.1180, -32.5070, -0.0830



189.0380, 50.7040, 28.2400

Rectangle

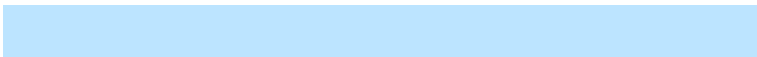
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.5630, 49.5760, -72.5040



170.0910, -127.5840, -77.6960



219.1180, -32.5070, -0.0830



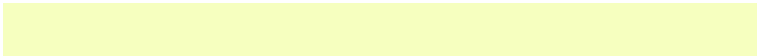
200.9960, 25.3000, 48.1160

Sweetspot

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



221.5630, 49.5760, -72.5040



245.0130, 15.1800, -21.8120



122.8240, 118.6520, 30.3000



121.7600, 8.9430, -13.4010



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.



221.5630, 49.5760, -72.5040



214.8670, 59.8030, -87.1490



190.7660, -11.8120, -94.3400



125.9200, 2.9810, -4.4670



160.8540, 44.6230, -65.3370



53.7140, 14.5840, -22.0240

Inverse Universe

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



76.4370, -49.5760, 72.5040



40.1330, -59.8030, 87.1490



107.2340, 11.8120, 94.3400



117.0800, -2.9810, 4.4670



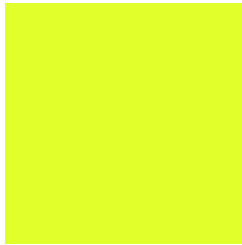
30.1460, -44.6230, 65.3370



9.9870, -15.1800, 21.8120

Previews

White Background



This preview shows how the YIQ color 221.5630, 49.5760, -72.5040 looks on a white background.

Color Contrast Check

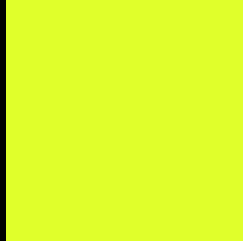
Large Text (above 18pt) WCAG AA × Fail

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 221.5630, 49.5760, -72.5040 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 221.5630, 49.5760, -72.5040

Background



This preview shows how black text looks on a background with the YIQ color 221.5630, 49.5760, -72.5040.



This preview shows how white text looks on a background with the YIQ color 221.5630, 49.5760, -72.5040.

-72.5040.

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



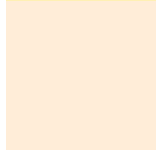
Original Color

221.5630, 49.5760, -72.5040



Protanopia

237.6450, 28.2000, -15.4800



Deuteranopia

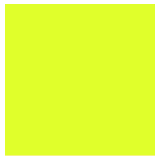
239.9880, 17.4690, -2.7150



Tritanopia

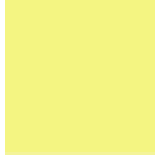
240.8460, -2.2020, 6.8700

Trichromacy



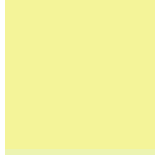
Original Color

221.5630, 49.5760, -72.5040



Protanomaly

231.5910, 36.3190, -35.9770



Deuteranomaly

233.6260, 29.2110, -28.3010



Tritanomaly

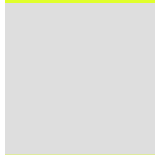
234.0840, 16.4180, -22.2220

Monochromacy



Original Color

221.5630, 49.5760, -72.5040



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

221.9330, 18.1610, -26.2790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5630, 49.5760, -72.5040 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(224, 255, 43)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 43)  
}
```

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(224, 255, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 43) }
```

Border

The CSS property to change the border of an element to YIQ 221.5630, 49.5760, -72.5040 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(224, 255, 43) }
```


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

```
.border{ border-color:rgb(224, 255, 43) }
```

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

Here you see how a box with a 4 pixel rgb(224, 255, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 43);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5630, 49.5760, -72.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 43) }
```

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

```
.background{ background-color: rgb(224,  
255, 43) }
```

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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