

Converting Colors

YIQ(219.1990, 22.3830,
-47.7370)

Have a look what the booklet for
YIQ(219.1990, 22.3830, -47.7370)
contains.

YIQ(219.1990, 22.3830, -47.7370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(219.1990, 22.3830,
-47.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F471
RGB	211, 244, 113
RGB Percent	83%, 96%, 44%
CMY	0.1727, 0.0431, 0.5567
CMYK	0.14, 0.00, 0.54, 0.04
HSL	75°, 86%, 70%
HSV	75°, 54%, 96%
XYZ	62.1904, 79.7457, 27.7518
YIQ	219.1990, 22.3830, -47.7370

Conversions

Conversions Part 2

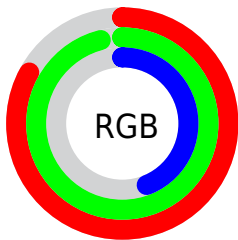
Format	Color
RYB	113, 244, 146
Decimal	13890673
CIELab	91.57, -29.59, 58.66
CIELCh	92, 65.702, 116.769
Yxy	79.7457, 0.3665, 0.4700
Android (android.graphics.Color)	4292080753 (0xFFD3F471)
YUV	219.1990, -52.3561, -7.1905
Hunter-Lab	89.3005, -31.9653, 44.0848

Details

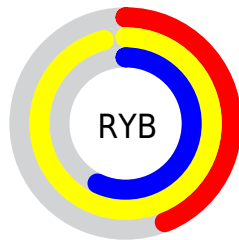
The YIQ color **219.1990, 22.3830, -47.7370** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **137.8010, -22.3830, 47.7370**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0820, 27.9270, -27.0570**, and **163.1280, 21.1450, -47.3270** is the 20% darker color. If you saturate the color by 10%, you get **214.6690, 26.5110, -56.4730**, and if you desaturate by 10%, it is **223.7290, 18.2550, -39.0010**.

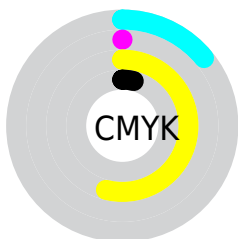
Distribution



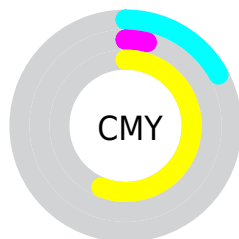
- Red (83%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (57%)



- Cyan (14%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)





- Cyan (17%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.1990, 22.3830, -47.7370 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 219.1990, 22.3830, -47.7370 by changing the saturation by 10% instead.


 219.1990, 22.3830,
-47.7370


 219.1990, 22.3830,
-47.7370


255.0000, -0.0000,
-0.0000

 191.0140, 21.4660,
-47.6380


 245.0820, 27.9270,
-27.0570

 163.1280, 21.1450,
-47.3270


 248.2740, 18.9390,
-18.3490


 135.3730, 21.8330,
-48.7830

 251.5800, 9.6300,
-9.3300

 108.2590, 22.1540,
-49.0940

254.8860, 0.3210,
-0.3110

 85.5110, 12.9370,
-41.7430

 63.0620, 4.3160,
-34.1800

 40.2920, -7.8350,

-28.7230

■ 22.8930, -10.7250,
-20.3970

■ 6.4570, -3.0250,
-5.7530

■ 219.1990, 22.3830,
-47.7370

■ 219.1990, 22.3830,
-47.7370

■ 214.6690, 26.5110,
-56.4730

■ 223.7290, 18.2550,
-39.0010

■ 210.0250, 30.9600,
-65.5200


■ 228.3730, 13.8060,
-29.9540


■ 205.1960, 34.4920,
-74.4680

■ 232.9030, 9.6780,
-21.2180

■ 200.5520, 38.9410,
-83.5150

■ 237.8460, 5.8250,
-11.9590

 197.6460, 41.3720,
-89.0280

 242.3760, 1.6970,
-3.2230

 246.4500, -1.1470,
4.2690

 248.2440, 2.4290,
5.5410

 248.5430, 3.0250,
5.7530

Harmonies

Analogous

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



219.7200, 58.0050, -32.5150



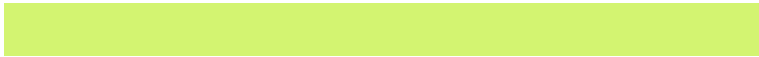
219.1990, 22.3830, -47.7370



207.2790, -42.4920, -55.9320

Triad

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



219.1990, 22.3830, -47.7370



178.7550, -151.9800, -54.0600



207.5040, 26.2650, 36.1290

Complementary

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



219.1990, 22.3830, -47.7370



137.8010, -22.3830, 47.7370

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.



218.0190, 17.3250, 32.9490



219.1990, 22.3830, -47.7370



196.2620, -95.4070, -27.5590

Square

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



219.1990, 22.3830, -47.7370



178.7550, -151.9800, -54.0600



223.4250, -8.0260, 13.3020



203.3710, 44.7920, 14.2320

Rectangle

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



219.1990, 22.3830, -47.7370



180.8570, -117.6370, -65.2290



223.4250, -8.0260, 13.3020



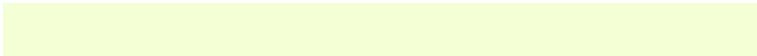
211.5620, 20.3500, 38.7020

Sweetspot

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



219.1990, 22.3830, -47.7370



247.3360, 7.2010, -14.8710



171.5400, 69.0010, 10.5130



123.0570, 3.8530, -9.2590



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.



219.1990, 22.3830, -47.7370



224.1590, 27.8870, -59.3850



199.7640, -16.3570, -61.5170



119.7350, 2.0640, -4.3680



150.7430, 31.6940, -67.8100



47.7890, 9.9990, -21.5290

Inverse Universe

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



137.8010, -22.3830, 47.7370



122.8410, -27.8870, 59.3850



157.2360, 16.3570, 61.5170



112.2650, -2.0640, 4.3680



35.2570, -31.6940, 67.8100



11.2110, -9.9990, 21.5290

Previews

White Background



This preview shows how the YIQ color 219.1990, 22.3830, -47.7370 looks on a white background.

Color Contrast Check

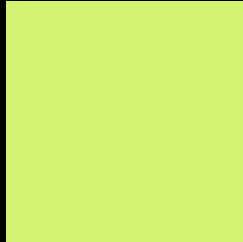
Large Text (above 18pt) WCAG AA × Fail

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 219.1990, 22.3830, -47.7370 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 219.1990, 22.3830, -47.7370

Background



This preview shows how black text looks on a background with the YIQ color 219.1990, 22.3830, -47.7370.



This preview shows how white text looks on a background with the YIQ color 219.1990, 22.3830,

-47.7370.

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

219.1990, 22.3830, -47.7370

Protanopia

224.3820, 53.1450, -32.5430

Deuteranopia

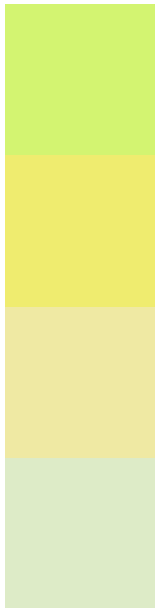
230.6810, 28.5190, -4.7370



Tritanopia

231.1550, -7.5660, 4.9620

Trichromacy



Original Color

219.1990, 22.3830, -47.7370

Protanomaly

222.6470, 41.9130, -38.2390

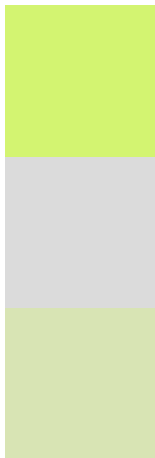
Deuteranomaly

226.8140, 26.0460, -20.4980

Tritanomaly

226.7100, 3.2120, -14.1640

Monochromacy



Original Color

219.1990, 22.3830, -47.7370

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.9400, 8.2560, -17.4720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.1990, 22.3830, -47.7370 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(211, 244, 113)` looks like.

```
.text, #text, p{  
    color:rgb(211, 244, 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(211, 244, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 244, 113) }
```

Border

The CSS property to change the border of an element to YIQ 219.1990, 22.3830, -47.7370 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(211, 244, 113) }
```


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

```
.border{ border-color:rgb(211, 244, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 244, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 244, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 244, 113);  
box-shadow:4px 4px 4px 4px rgb(211, 244,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 219.1990, 22.3830, -47.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 244, 113) }
```

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

```
.background{ background-color: rgb(211,  
244, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor