

Converting Colors

YIQ(198.8930, 21.3830,
-95.7130)

Have a look what the booklet for
YIQ(198.8930, 21.3830, -95.7130)
contains.

YIQ(198.8930, 21.3830, -95.7130)	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(198.8930, 21.3830,
-95.7130)**

Conversions

Conversions Part 1	
Format	Color
Hex	A0FF0C
RGB	160, 255, 12
RGB Percent	63%, 100%, 5%
CMY	0.3729, 0.0000, 0.9525
CMYK	0.37, 0.00, 0.95, 0.00
HSL	83°, 100%, 52%
HSV	83°, 95%, 100%
XYZ	50.3048, 79.0104, 12.9493
YIQ	198.8930, 21.3830, -95.7130

Conversions

Conversions Part 2

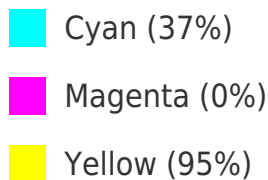
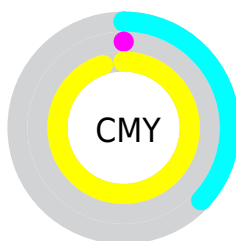
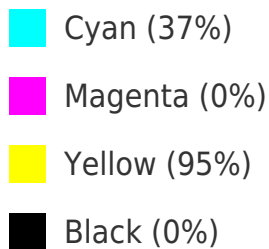
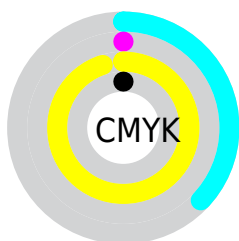
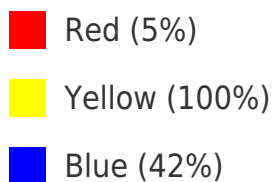
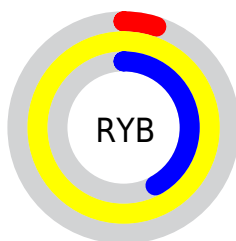
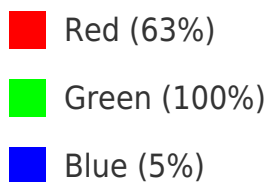
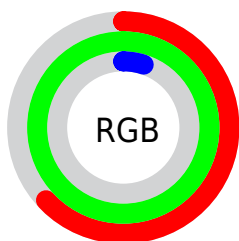
Format	Color
RYB	12, 255, 107
Decimal	10551052
CIELab	91.24, -57.79, 86.54
CIELCh	91, 104.063, 123.735
Yxy	79.0104, 0.3536, 0.5554
Android (android.graphics.Color)	4288741132 (0xFFA0FF0C)
YUV	198.8930, -92.1382, -34.1092
Hunter-Lab	88.8878, -54.5341, 53.5840

Details

The YIQ color **198.8930, 21.3830, -95.7130** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **68.1070, -21.3830, 95.7130**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7080, 30.7750, -56.6570**, and **145.5280, 3.9580, -82.7780** is the 20% darker color. If you saturate the color by 10%, you get **196.0300, 22.2550, -100.5050**, and if you desaturate by 10%, it is **204.8470, 18.9970, -85.5070**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YIQ color 198.8930, 21.3830, -95.7130 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 198.8930, 21.3830, -95.7130 by changing the saturation by 10% instead.


 198.8930, 21.3830,
-95.7130


 198.8930, 21.3830,
-95.7130

255.0000, -0.0000,
-0.0000


 171.2330, 14.7340,
-90.8500


 226.7080, 30.7750,
-56.6570


 145.5280, 3.9580,
-82.7780


 239.5110, 39.3000,
-40.4440


 119.2250, -8.0100,
-75.1300


 243.8280, 31.4580,
-30.4780

 90.5190, -26.2130,
-70.1250

 247.2480, 21.8280,
-21.1480

 68.0920, -31.9000,
-60.6680

 250.6680, 12.1980,
-11.8180


 53.4170, -25.0250,
-47.5930


 254.0880, 2.5680,


 38.7420, -18.1500,


-2.4880


-34.5180

 25.2410, -11.8250,
-22.4890


 4.6960, -2.2000,
-4.1840


 198.8930, 21.3830,
-95.7130


 198.8930, 21.3830,
-95.7130

 196.0300, 22.2550,
-100.5050

 204.8470, 18.9970,
-85.5070

 210.6870, 16.9320,
-75.6120

 216.6410, 14.5460,
-65.4060

 222.4810, 12.4810,
-55.5110

■ 228.4350, 10.0950,
-45.3050

■ 234.2750, 8.0300,
-35.4100

■ 240.2290, 5.6440,
-25.2040

■ 246.0690, 3.5790,
-15.3090

■ 252.0230, 1.1930,
-5.1030

Harmonies

Analogous

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



211.2550, 88.7300, -66.2300



198.8930, 21.3830, -95.7130



165.1890, -113.7810, -91.0690

Triad

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



198.8930, 21.3830, -95.7130



178.7550, -151.9800, -54.0600



170.2320, 48.5430, 61.9110

Complementary

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



198.8930, 21.3830, -95.7130



68.1070, -21.3830, 95.7130

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.



191.0170, 29.9750, 57.0070



198.8930, 21.3830, -95.7130



168.7760, -147.3050, -45.1690

Square

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



198.8930, 21.3830, -95.7130



178.7550, -151.9800, -54.0600



217.3660, 8.7980, 27.7900



174.4360, 72.5300, 18.1460

Rectangle

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



198.8930, 21.3830, -95.7130



173.0550, -135.9300, -69.6100



217.3660, 8.7980, 27.7900



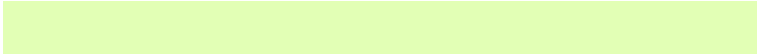
176.3420, 36.8500, 70.0820

Sweetspot

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



198.8930, 21.3830, -95.7130



237.8930, 6.4700, -29.1620



139.2480, 119.2530, 2.8770



117.4880, 3.7170, -17.8110



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.



198.8930, 21.3830, -95.7130



196.0300, 22.2550, -100.5050



163.0130, -50.1370, -121.1530



125.0230, 1.1930, -5.1030



146.8010, 16.6110, -75.3010



49.2290, 5.6440, -25.2040

Inverse Universe

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



68.1070, -21.3830, 95.7130



58.9700, -22.2550, 100.5050



103.9870, 50.1370, 121.1530



117.9770, -1.1930, 5.1030



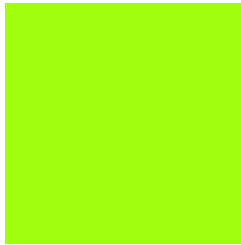
44.1990, -16.6110, 75.3010



14.7710, -5.6440, 25.2040

Previews

White Background



This preview shows how the YIQ color 198.8930, 21.3830, -95.7130 looks on a white background.

Color Contrast Check

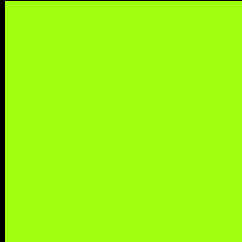
Large Text (above 18pt) WCAG AA × Fail

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 198.8930, 21.3830, -95.7130 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 198.8930, 21.3830, -95.7130

Background



This preview shows how black text looks on a background with the YIQ color 198.8930, 21.3830, -95.7130.

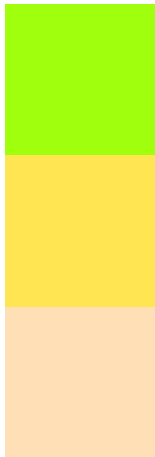


This preview shows how white text looks on a background with the YIQ color 198.8930, 21.3830, -95.7130.

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

198.8930, 21.3830, -95.7130

Protanopia

220.0160, 62.6830, -40.2050

Deuteranopia

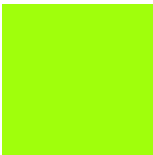
228.4810, 31.9580, -6.4900



Tritanopia

224.7000, -34.3860, -4.5780

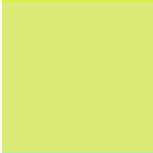
Trichromacy



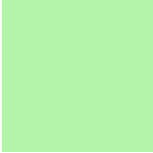
Original Color
198.8930, 21.3830, -95.7130



Protanomaly
211.9840, 47.3730, -60.1070

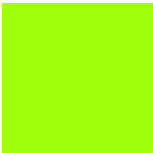


Deuteranomaly
217.4050, 27.9750, -38.9450

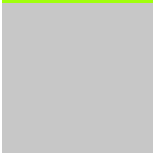


Tritanomaly
215.4880, -14.6190, -37.9390

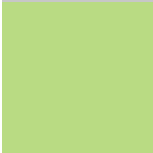
Monochromacy



Original Color
198.8930, 21.3830, -95.7130



Achromatopsia
199.0000, -0.0000, 0.0000



Achromatomaly
198.8020, 7.9840, -34.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.8930, 21.3830, -95.7130 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(160, 255, 12)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 12)  
}
```

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(160, 255, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 12) }
```

Border

The CSS property to change the border of an element to YIQ 198.8930, 21.3830, -95.7130 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(160, 255, 12) }
```


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

```
.border{ border-color:rgb(160, 255, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 12);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 198.8930, 21.3830, -95.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 12) }
```

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

```
.background{ background-color: rgb(160,  
255, 12) }
```

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