

Converting Colors

YIQ(201.7990, 18.9520,
-90.2000)

Have a look what the booklet for
YIQ(201.7990, 18.9520, -90.2000)
contains.

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Color

**YIQ(201.7990, 18.9520,
-90.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	A4FF1B
RGB	164, 255, 27
RGB Percent	64%, 100%, 11%
CMY	0.3572, 0.0000, 0.8938
CMYK	0.36, 0.00, 0.89, 0.00
HSL	84°, 100%, 55%
HSV	84°, 89%, 100%
XYZ	51.2496, 79.4822, 13.6813
YIQ	201.7990, 18.9520, -90.2000

Conversions

Conversions Part 2

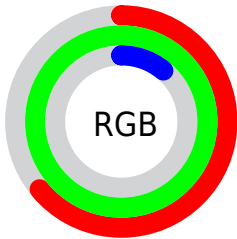
Format	Color
RYB	27, 255, 118
Decimal	10813211
CIELab	91.45, -56.19, 85.09
CIELCh	91, 101.970, 123.441
Yxy	79.4822, 0.3549, 0.5504
Android (android.graphics.Color)	4289003291 (0xFFA4FF1B)
YUV	201.7990, -86.1759, -33.1497
Hunter-Lab	89.1528, -53.4065, 53.3084

Details

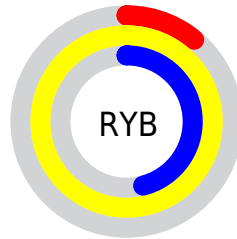
The YIQ color **201.7990, 18.9520, -90.2000** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle washed chartreuse. A complement of this color would be **80.2010, -18.9520, 90.2000**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **228.4740, 31.5540, -54.2540**, and **147.0230, 6.9380, -81.7180** is the 20% darker color. If you saturate the color by 10%, you get **195.9590, 21.0170, -100.0950**, and if you desaturate by 10%, it is **207.7530, 16.5660, -79.9940**.

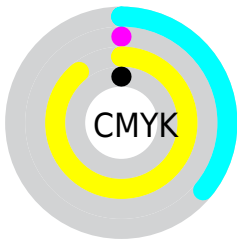
Distribution



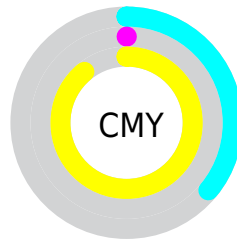
- Red (64%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (46%)



- Cyan (36%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.7990, 18.9520, -90.2000 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 201.7990, 18.9520, -90.2000 by changing the saturation by 10% instead.


 201.7990, 18.9520,
-90.2000


 201.7990, 18.9520,
-90.2000


255.0000, -0.0000,
-0.0000


 172.7280, 17.7140,
-89.7900


 228.4740, 31.5540,
-54.2540


 147.0230, 6.9380,
-81.7180


 240.9780, 39.4830,
-38.2530


 121.0190, -4.4340,
-73.8580


 244.3980, 29.8530,
-28.9230

 93.5090, -20.2530,
-68.0050

 247.7040, 20.5440,
-19.9040

 68.0920, -31.9000,
-60.6680

 251.1240, 10.9140,
-10.5740

 53.4170, -25.0250,
-47.5930

254.6580, 0.9630,

 38.7420, -18.1500,

-0.9330

-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 5.8700, -2.7500,
-5.2300

■ 201.7990, 18.9520,
-90.2000

■ 201.7990, 18.9520,
-90.2000

■ 195.9590, 21.0170,
-100.0950

■ 207.7530, 16.5660,
-79.9940

■ 195.4320, 21.0630,
-100.9290

■ 213.5930, 14.5010,
-70.0990

■ 219.5470, 12.1150,
-59.8930

■ 225.6860, 10.6460,
-49.7860

■ 231.6400, 8.2600,
-39.5800

■ 237.4800, 6.1950,
-29.6850

■ 243.4340, 3.8090,
-19.4790

■ 249.2740, 1.7440,
-9.5840

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.



211.2550, 88.7300, -66.2300



201.7990, 18.9520, -90.2000



165.3030, -114.1020, -90.7580

Triad

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



201.7990, 18.9520, -90.2000



178.7550, -151.9800, -54.0600



173.2810, 46.8470, 59.6070

Complementary

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



201.7990, 18.9520, -90.2000



80.2010, -18.9520, 90.2000

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.



193.3650, 28.8750, 54.9150



201.7990, 18.9520, -90.2000



169.3630, -147.5800, -45.6920

Square

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



201.7990, 18.9520, -90.2000



178.7550, -151.9800, -54.0600



218.2410, 7.6520, 26.5320



176.5390, 70.7420, 17.5100

Rectangle

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



201.7990, 18.9520, -90.2000



173.0550, -135.9300, -69.6100



218.2410, 7.6520, 26.5320



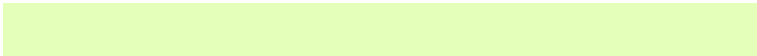
179.2770, 35.4750, 67.4670

Sweetspot

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



201.7990, 18.9520, -90.2000



238.7620, 5.4610, -27.3950



146.2410, 111.9630, 2.8350



118.2430, 3.0290, -16.3550



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.



201.7990, 18.9520, -90.2000



195.4320, 21.0630, -100.9290



168.9090, -46.6080, -113.5200



124.7240, 0.5970, -5.3150



146.5020, 16.0150, -75.5130



48.9300, 5.0480, -25.4160

Inverse Universe

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



80.2010, -18.9520, 90.2000



59.5680, -21.0630, 100.9290



113.0910, 46.6080, 113.5200



117.9770, -1.1930, 5.1030



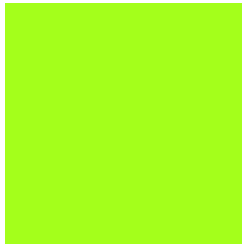
44.4980, -16.0150, 75.5130



14.7710, -5.6440, 25.2040

Previews

White Background



This preview shows how the YIQ color 201.7990, 18.9520, -90.2000 looks on a white background.

Color Contrast Check

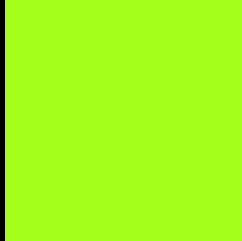
Large Text (above 18pt) WCAG AA × Fail

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 201.7990, 18.9520, -90.2000 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 201.7990, 18.9520, -90.2000

Background



This preview shows how black text looks on a background with the YIQ color 201.7990, 18.9520, -90.2000.



This preview shows how white text looks on a background with the YIQ color 201.7990, 18.9520,

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

201.7990, 18.9520, -90.2000

Protanopia

221.6290, 59.5190, -37.9290

Deuteranopia

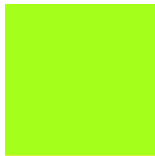
229.2960, 31.0410, -6.3910



Tritanopia

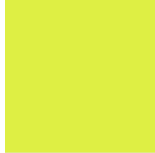
225.5970, -32.5980, -3.9420

Trichromacy



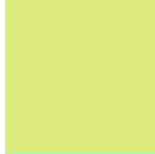
Original Color

201.7990, 18.9520, -90.2000



Protanomaly

214.4230, 44.7590, -56.7850



Deuteranomaly

219.3880, 26.6450, -36.8670



Tritanomaly

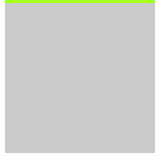
217.2540, -13.8400, -35.5360

Monochromacy



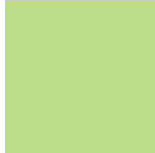
Original Color

201.7990, 18.9520, -90.2000



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

201.6710, 6.9750, -32.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.7990, 18.9520, -90.2000 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(164, 255, 27)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 27)  
}
```

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(164, 255, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 27) }
```

Border

The CSS property to change the border of an element to YIQ 201.7990, 18.9520, -90.2000 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(164, 255, 27) }
```


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

```
.border{ border-color:rgb(164, 255, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 27);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 201.7990, 18.9520, -90.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 27) }
```

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

```
.background{ background-color: rgb(164,  
255, 27) }
```

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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