

Converting Colors

YIQ(199.8180, 25.9680,
-96.2080)

Have a look what the booklet for
YIQ(199.8180, 25.9680, -96.2080)
contains.

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Color

**YIQ(199.8180, 25.9680,
-96.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FF07
RGB	165, 255, 7
RGB Percent	65%, 100%, 3%
CMY	0.3533, 0.0000, 0.9721
CMYK	0.35, 0.00, 0.97, 0.00
HSL	82°, 100%, 51%
HSV	82°, 97%, 100%
XYZ	51.2963, 79.5248, 12.8494
YIQ	199.8180, 25.9680, -96.2080

Conversions

Conversions Part 2

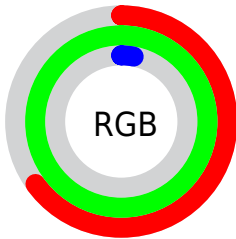
Format	Color
RYB	7, 255, 97
Decimal	10878727
CIELab	91.47, -56.15, 87.19
CIELCh	91, 103.711, 122.781
Yxy	79.5248, 0.3570, 0.5535
Android (android.graphics.Color)	4289068807 (0xFFA5FF07)
YUV	199.8180, -95.0593, -30.5354
Hunter-Lab	89.1767, -53.3822, 53.8806

Details

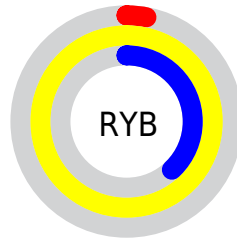
The YIQ color **199.8180, 25.9680, -96.2080** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **62.1820, -25.9680, 96.2080**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0890, 34.0760, -55.9080**, and **147.3220, 7.5340, -81.5060** is the 20% darker color. If you saturate the color by 10%, you get **198.1230, 26.4270, -99.0210**, and if you desaturate by 10%, it is **205.4730, 22.9860, -86.2140**.

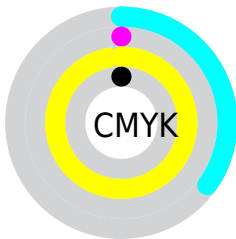
Distribution



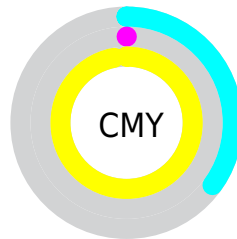
- Red (65%)
- Green (100%)
- Blue (3%)



- Red (3%)
- Yellow (100%)
- Blue (38%)



- Cyan (35%)
- Magenta (0%)
- Yellow (97%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.8180, 25.9680, -96.2080 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 199.8180, 25.9680, -96.2080 by changing the saturation by 10% instead.

 199.8180, 25.9680,
-96.2080


 199.8180, 25.9680,
-96.2080


255.0000, -0.0000,
-0.0000


 173.0270, 18.3100,
-89.5780


 228.0890, 34.0760,
-55.9080


 147.3220, 7.5340,
-81.5060


 240.2940, 41.4090,
-40.1190


 121.0190, -4.4340,
-73.8580


 243.7140, 31.7790,
-30.7890

 93.8080, -19.6570,
-67.7930

 247.1340, 22.1490,
-21.4590

 68.6790, -32.1750,
-61.1910

 250.5540, 12.5190,
-12.1290

 53.4170, -25.0250,
-47.5930

 254.0880, 2.5680,

 38.7420, -18.1500,

-2.4880

-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 5.8700, -2.7500,
-5.2300

■ 199.8180, 25.9680,
-96.2080

■ 199.8180, 25.9680,
-96.2080

■ 198.1230, 26.4270,
-99.0210

■ 205.4730, 22.9860,
-86.2140

■ 211.0140, 20.3250,
-76.5310

■ 216.9680, 17.9390,
-66.3250

■ 222.5090, 15.2780,
-56.6420

■ 228.1640, 12.2960,
-46.6480

■ 234.0040, 10.2310,
-36.7530

■ 239.6590, 7.2490,
-26.7590

■ 245.2000, 4.5880,
-17.0760

■ 250.8550, 1.6060,
-7.0820

Harmonies

Analogous

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



210.6680, 89.0050, -65.7070



199.8180, 25.9680, -96.2080



164.8470, -112.8180, -92.0020

Triad

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



199.8180, 25.9680, -96.2080



178.7550, -151.9800, -54.0600



171.8620, 46.7090, 62.1090

Complementary

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



199.8180, 25.9680, -96.2080



62.1820, -25.9680, 96.2080

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.



192.7780, 29.1500, 55.4380



199.8180, 25.9680, -96.2080



169.9500, -147.8550, -46.2150

Square

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



199.8180, 25.9680, -96.2080



178.7550, -151.9800, -54.0600



217.0450, 5.2680, 25.6840



174.8920, 71.2460, 19.3900

Rectangle

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



199.8180, 25.9680, -96.2080



172.7130, -134.9670, -70.5430



217.0450, 5.2680, 25.6840



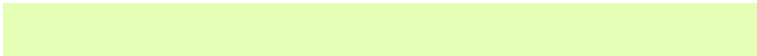
177.5160, 36.3000, 69.0360

Sweetspot

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



199.8180, 25.9680, -96.2080



238.4910, 7.6620, -28.7380



132.2210, 123.8830, 7.0750



117.7870, 4.3130, -17.5990



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.



199.8180, 25.9680, -96.2080



198.1230, 26.4270, -99.0210



163.6390, -46.1480, -121.8600



125.0230, 1.1930, -5.1030



148.5950, 20.1870, -74.0290



49.8270, 6.8360, -24.7800

Inverse Universe

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



62.1820, -25.9680, 96.2080



56.8770, -26.4270, 99.0210



98.3610, 46.1480, 121.8600



117.6780, -1.7890, 4.8910



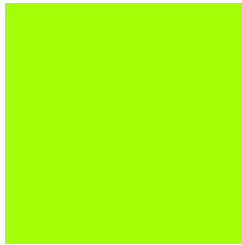
42.7040, -19.5910, 74.2410



14.1730, -6.8360, 24.7800

Previews

White Background



This preview shows how the YIQ color 199.8180, 25.9680, -96.2080 looks on a white background.

Color Contrast Check

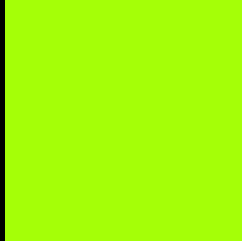
Large Text (above 18pt) WCAG AA × Fail

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 199.8180, 25.9680, -96.2080 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 199.8180, 25.9680, -96.2080

Background



This preview shows how black text looks on a background with the YIQ color 199.8180, 25.9680, -96.2080.



This preview shows how white text looks on a background with the YIQ color 199.8180, 25.9680,

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

199.8180, 25.9680, -96.2080

Protanopia

221.7430, 59.1980, -37.6180

Deuteranopia

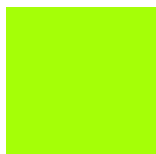
229.2960, 31.0410, -6.3910



Tritanopia

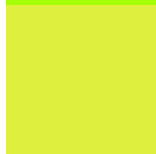
225.8960, -32.0020, -3.7300

Trichromacy



Original Color

199.8180, 25.9680, -96.2080



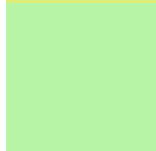
Protanomaly

213.6250, 47.0060, -58.9620



Deuteranomaly

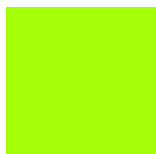
218.5900, 28.8920, -39.0440



Tritanomaly

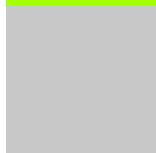
216.7550, -10.9970, -37.5010

Monochromacy



Original Color

199.8180, 25.9680, -96.2080



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

199.8730, 9.2220, -34.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8180, 25.9680, -96.2080 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(165, 255, 7)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 7)  
}
```

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(165, 255, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 7) }
```

Border

The CSS property to change the border of an element to YIQ 199.8180, 25.9680, -96.2080 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(165, 255, 7) }
```


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

```
.border{ border-color:rgb(165, 255, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 255, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 255, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 255, 7);  
box-shadow:4px 4px 4px 4px rgb(165, 255,  
7) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8180, 25.9680, -96.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 7) }
```

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

```
.background{ background-color: rgb(165,  
255, 7) }
```

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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