

Converting Colors

YIQ(187.0930, 8.7760,
-104.0240)

Have a look what the booklet for
YIQ(187.0930, 8.7760, -104.0240)
contains.

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Color

**YIQ(187.0930, 8.7760,
-104.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	83FC00
RGB	131, 252, 0
RGB Percent	51%, 99%, 0%
CMY	0.4867, 0.0115, 0.9996
CMYK	0.48, 0.00, 1.00, 0.01
HSL	89°, 100%, 49%
HSV	89°, 100%, 99%
XYZ	44.1690, 74.4687, 12.0476
YIQ	187.0930, 8.7760, -104.0240

Conversions

Conversions Part 2

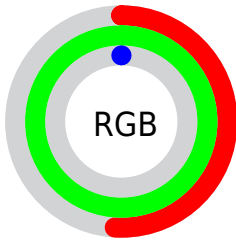
Format	Color
RYB	0, 252, 121
Decimal	8649728
CIELab	89.14, -65.92, 85.27
CIELCh	89, 107.777, 127.708
Yxy	74.4687, 0.3380, 0.5698
Android (android.graphics.Color)	4286839808 (0xFF83FC00)
YUV	187.0930, -92.2368, -49.1936
Hunter-Lab	86.2953, -59.6540, 52.1292

Details

The YIQ color **187.0930, 8.7760, -104.0240** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **64.9070, -8.7760, 104.0240**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9940, 15.0500, -63.5260**, and **132.7150, -15.8020, -88.1060** is the 20% darker color. If you saturate the color by 10%, you get **187.0930, 8.7760, -104.0240**, and if you desaturate by 10%, it is **193.5310, 7.9030, -93.7050**.

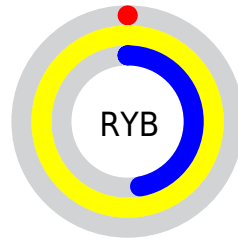
Distribution



Red (51%)

Green (99%)

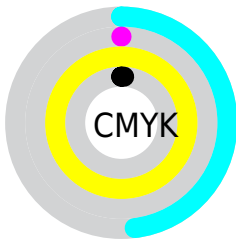
Blue (0%)



Red (0%)

Yellow (99%)

Blue (47%)

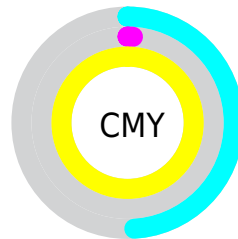


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (49%)

Magenta (1%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0930, 8.7760, -104.0240 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 187.0930, 8.7760, -104.0240 by changing the saturation by 10% instead.


 187.0930, 8.7760,
-104.0240


 187.0930, 8.7760,
-104.0240


255.0000, -0.0000,
-0.0000


 160.2030, -2.9170,
-95.8530


 217.9940, 15.0500,
-63.5260


 132.4160,
-16.3980, -88.3180


 230.6830, 23.8960,
-47.6240


 98.0290, -45.9250,
-87.3410


 243.3720, 32.7420,
-31.7220

 81.5930, -38.2250,
-72.6970

 246.7920, 23.1120,
-22.3920

 66.3310, -31.0750,
-59.0990

 250.2120, 13.4820,
-13.0620

 51.0690, -23.9250,
-45.5010

 253.6320, 3.8520,

 36.3940, -17.0500,

-3.7320

-32.4260

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,
0.0000

■ 187.0930, 8.7760,
-104.0240

■ 193.5310, 7.9030,
-93.7050

■ 200.0830, 6.7090,
-83.0750

■ 206.5210, 5.8360,
-72.7560

■ 212.9590, 4.9630,
-62.4370

■ 219.3970, 4.0900,
-52.1180

■ 226.1340, 3.8130,
-41.5870

■ 232.6860, 2.6190,
-30.9570

■ 239.1240, 1.7460,
-20.6380

■ 245.5620, 0.8730,
-10.3190

Harmonies

Analogous

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



206.7920, 82.7240, -67.5160



187.0930, 8.7760, -104.0240



165.7590, -115.3860, -89.5140

Triad

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



187.0930, 8.7760, -104.0240



178.7550, -151.9800, -54.0600



158.5600, 59.3630, 64.0590

Complementary

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



187.0930, 8.7760, -104.0240



64.9070, -8.7760, 104.0240

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.



179.8640, 35.2000, 66.9440



187.0930, 8.7760, -104.0240



162.9060, -144.5550, -39.9390

Square

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



187.0930, 8.7760, -104.0240



178.7550, -151.9800, -54.0600



212.7360, 19.8000, 37.6560



168.9930, 80.9670, 13.9190

Rectangle

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



187.0930, 8.7760, -104.0240



173.9670, -138.4980, -67.1220



212.7360, 19.8000, 37.6560



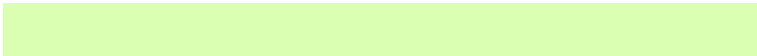
163.0230, 48.1740, 74.1100

Sweetspot

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



187.0930, 8.7760, -104.0240



235.2730, 2.3440, -31.4800



144.6140, 117.7420, -8.2900



115.8790, 1.0580, -19.1820



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.



187.0930, 8.7760, -104.0240



189.1530, 8.5470, -105.3810



150.3160, -64.5320, -130.1000



121.7240, 0.5970, -5.3150



140.2450, 6.4330, -78.0710



45.3750, 2.2970, -25.1190

Inverse Universe

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



64.9070, -8.7760, 104.0240



65.8470, -8.5470, 105.3810



101.6840, 64.5320, 130.1000



115.2760, -0.5970, 5.3150



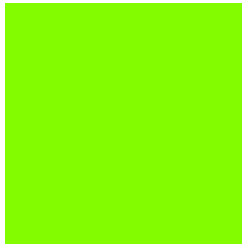
48.7550, -6.4330, 78.0710



15.6250, -2.2970, 25.1190

Previews

White Background



This preview shows how the YIQ color 187.0930, 8.7760, -104.0240 looks on a white background.

Color Contrast Check

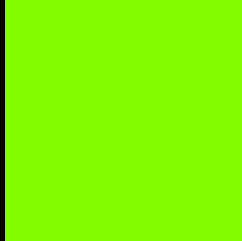
Large Text (above 18pt) WCAG AA × Fail

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 187.0930, 8.7760, -104.0240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

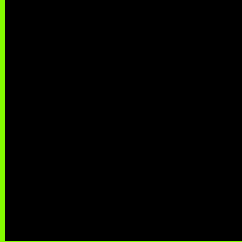
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.0930, 8.7760, -104.0240

Background



This preview shows how black text looks on a background with the YIQ color 187.0930, 8.7760, -104.0240.



This preview shows how white text looks on a background with the YIQ color 187.0930, 8.7760,

-104.0240.

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

187.0930, 8.7760, -104.0240

Protanopia

205.9500, 88.2710, -63.4170

Deuteranopia

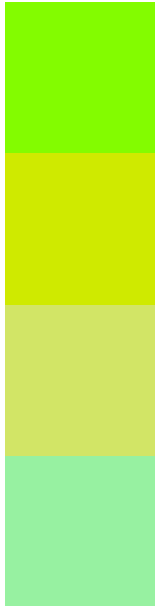
221.2770, 41.2200, -9.1480



Tritanopia

214.9370, -48.4150, -9.1430

Trichromacy



Original Color

187.0930, 8.7760, -104.0240

Protanomaly

199.2510, 59.0220, -78.4980

Deuteranomaly

208.8410, 29.4430, -43.5250

Tritanomaly

204.9700, -27.9600, -43.9600

Monochromacy



Original Color

187.0930, 8.7760, -104.0240

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.3560, 3.3080, -37.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0930, 8.7760, -104.0240 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(131, 252, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 252, 0)  
}
```

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(131, 252, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 252, 0) }
```

Border

The CSS property to change the border of an element to YIQ 187.0930, 8.7760, -104.0240 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(131, 252, 0) }
```


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

```
.border{ border-color:rgb(131, 252, 0) }
```

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

Here you see how a box with a 4 pixel rgb(131, 252, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 252, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 252, 0);  
box-shadow:4px 4px 4px 4px rgb(131, 252,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0930, 8.7760, -104.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 252, 0) }
```

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

```
.background{ background-color: rgb(131,  
252, 0) }
```

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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