

Converting Colors

YIQ(162.4820, -113.0480,
-87.8320)

Have a look what the booklet for
YIQ(162.4820, -113.0480, -87.8320)
contains.

YIQ(162.4820, -113.0480, -87.8320)	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(162.4820, -113.0480,
-87.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	00FA8A
RGB	0, 250, 138
RGB Percent	0%, 98%, 54%
CMY	0.9999, 0.0192, 0.4592
CMYK	1.00, 0.00, 0.45, 0.02
HSL	153°, 100%, 49%
HSV	153°, 100%, 98%
XYZ	38.7989, 70.2687, 35.5280
YIQ	162.4820, -113.0480, -87.8320

Conversions

Conversions Part 2

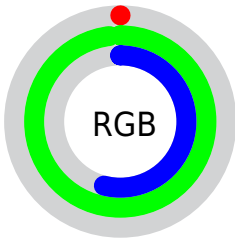
Format	Color
RYB	0, 161, 250
Decimal	64138
CIELab	87.13, -73.61, 40.12
CIELCh	87, 83.836, 151.410
Yxy	70.2687, 0.2683, 0.4860
Android (android.graphics.Color)	4278254218 (0xFF00FA8A)
YUV	162.4820, -12.0696, -142.4967
Hunter-Lab	83.8264, -64.0777, 33.5497

Details

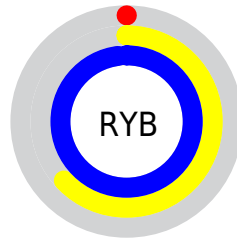
The YIQ color **162.4820, -113.0480, -87.8320** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **87.5180, 113.0480, 87.8320**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.7730, -64.1340, -49.1740**, and **122.5080, -80.4060, -73.6700** is the 20% darker color. If you saturate the color by 10%, you get **162.4820, -113.0480, -87.8320**, and if you desaturate by 10%, it is **171.2110, -101.6790, -79.1110**.

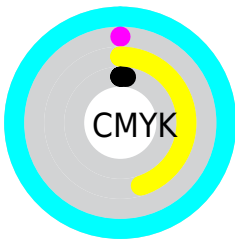
Distribution



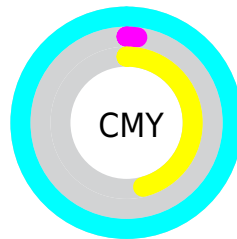
- Red (0%)
- Green (98%)
- Blue (54%)



- Red (0%)
- Yellow (63%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.4820, -113.0480, -87.8320 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 162.4820, -113.0480, -87.8320 by changing the saturation by 10% instead.

■ 162.4820,
-113.0480, -87.8320

■ 162.4820,
-113.0480, -87.8320

■ 255.0000, -0.0000,
-0.0000

■ 142.4950,
-96.7270, -80.7510

■ 205.7730,
-64.1340, -49.1740

■ 122.5080,
-80.4060, -73.6700

■ 219.4300,
-52.2620, -33.0460

■ 103.2220,
-64.6810, -66.8010

■ 232.6030,
-41.9030, -17.0310

■ 83.8220, -48.6350,
-60.2430

■ 242.7410,
-24.4360, -8.6920

■ 64.5530, -31.5800,
-55.4520

■ 252.3090, -5.3640,
-1.9080

■ 48.7210, -22.8250,
-43.4090

■ 34.6330, -16.2250,

-30.8570

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 162.4820,
-113.0480, -87.8320

■ 171.2110,
-101.6790, -79.1110

■ 179.9400,
-90.3100, -70.3900

■ 188.7830,
-79.2620, -61.3580

■ 197.5120,
-67.8930, -52.6370

■ 206.2410,
-56.5240, -43.9160

■ 214.9700,
-45.1550, -35.1950

■ 223.6990,
-33.7860, -26.4740

■ 232.5420,
-22.7380, -17.4420

■ 241.2710,
-11.3690, -8.7210

Harmonies

Analogous

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



198.7830, 17.0220, -66.2260



162.4820, -113.0480, -87.8320



174.7650, -140.7450, -64.9450

Triad

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



162.4820, -113.0480, -87.8320



161.7320, -144.0050, -38.8930



182.0160, 64.9650, 17.5810

Complementary

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



162.4820, -113.0480, -87.8320



87.5180, 113.0480, 87.8320

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.



183.2770, 43.5020, 48.6380



162.4820, -113.0480, -87.8320



210.2120, -2.5720, 24.5960

Square

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



162.4820, -113.0480, -87.8320



173.4720, -149.5050, -49.3530



199.2350, 26.1250, 49.6850



193.2760, 77.3510, -19.6810

Rectangle

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



162.4820, -113.0480, -87.8320



178.7550, -151.9800, -54.0600



199.2350, 26.1250, 49.6850



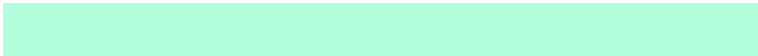
180.1700, 59.1400, 29.5400

Sweetspot

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



162.4820, -113.0480, -87.8320



228.4000, -34.3820, -26.6860



180.5370, -1.4020, -106.7940



111.8520, -20.6750, -16.2830



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.



162.4820, -113.0480, -87.8320



165.7590, -115.3860, -89.5140



168.2060, -145.7000, -46.7240



120.4290, -5.8220, -4.6220



122.7990, -85.3590, -66.5030



39.6830, -27.6890, -21.3290

Inverse Universe

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



87.5180, 113.0480, 87.8320



89.2410, 115.3860, 89.5140



82.3810, 145.4250, 46.2010



116.5710, 5.8220, 4.6220



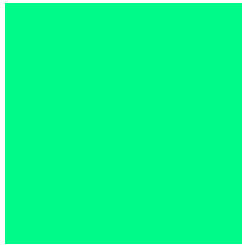
66.2010, 85.3590, 66.5030



21.3170, 27.6890, 21.3290

Previews

White Background



This preview shows how the YIQ color 162.4820, -113.0480, -87.8320 looks on a white background.

Color Contrast Check

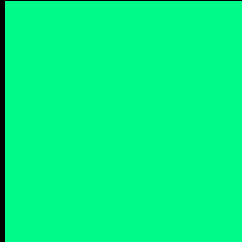
Large Text (above 18pt) WCAG AA × Fail

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 162.4820, -113.0480, -87.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

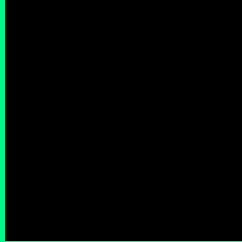
Any Text WCAG AA ✓ Pass

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 162.4820, -113.0480, -87.8320 Background



This preview shows how black text looks on a background with the YIQ color 162.4820, -113.0480, -87.8320.



This preview shows how white text looks on a background with the YIQ color 162.4820, -113.0480, -87.8320.

Color Blindness Simulation

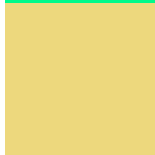
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

162.4820, -113.0480, -87.8320



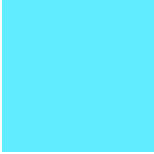
Protanopia

211.9050, 41.7270, -23.8490



Deuteranopia

216.0110, 45.0250, -6.5190



Tritanopia

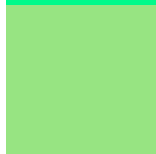
196.9040, -88.3470, -23.3470

Trichromacy



Original Color

162.4820, -113.0480, -87.8320



Protanomaly

193.8050, -14.4340, -46.8020



Deuteranomaly

196.3250, -12.6020, -35.9460



Tritanomaly

184.1730, -97.3750, -46.9670

Monochromacy



Original Color

162.4820, -113.0480, -87.8320



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

163.1170, -41.0750, -32.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.4820, -113.0480, -87.8320 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(0, 250, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 138)  
}
```

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(0, 250, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 138) }
```

Border

The CSS property to change the border of an element to YIQ 162.4820, -113.0480, -87.8320 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(0, 250, 138) }
```


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

```
.border{ border-color:rgb(0, 250, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 250, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 162.4820, -113.0480, -87.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 138) }
```

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

```
.background{ background-color: rgb(0, 250,  
138) }
```

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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