

Converting Colors

YIQ(168.8200, -116.2150,
-68.9750)

Have a look what the booklet for
YIQ(168.8200, -116.2150, -68.9750)
contains.

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Color

**YIQ(168.8200, -116.2150,
-68.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	0FF5B4
RGB	15, 245, 180
RGB Percent	6%, 96%, 71%
CMY	0.9417, 0.0388, 0.2945
CMYK	0.94, 0.00, 0.27, 0.04
HSL	163°, 92%, 51%
HSV	163°, 94%, 96%
XYZ	41.1037, 68.7546, 54.2286
YIQ	168.8200, -116.2150, -68.9750

Conversions

Conversions Part 2

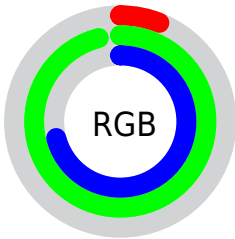
Format	Color
R_{YB}	15, 149, 245
Decimal	1045940
CIE _{Lab}	86.38, -63.19, 17.99
CIE _{LCh}	86, 65.704, 164.111
Yxy	68.7546, 0.2505, 0.4190
Android (android.graphics.Color)	4279236020 (0xFF0FF5B4)
YUV	168.8200, 5.5117, -134.9001
Hunter-Lab	82.9184, -56.6223, 19.2672

Details

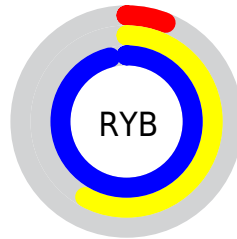
The YIQ color **168.8200, -116.2150, -68.9750** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **91.1800, 116.2150, 68.9750**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2730, -76.7450, -35.3770**, and **124.2470, -92.1920, -58.3040** is the 20% darker color. If you saturate the color by 10%, you get **163.8790, -123.8710, -73.3990**, and if you desaturate by 10%, it is **176.7940, -104.1580, -61.7100**.

Distribution



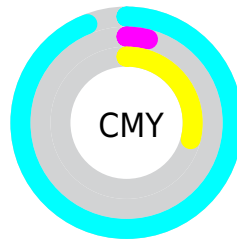
- Red (6%)
- Green (96%)
- Blue (71%)



- Red (6%)
- Yellow (58%)
- Blue (96%)



- Cyan (94%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)



- Cyan (94%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.8200, -116.2150, -68.9750 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 168.8200, -116.2150, -68.9750 by changing the saturation by 10% instead.

■ 168.8200,
-116.2150, -68.9750

■ 168.8200,
-116.2150, -68.9750

■ 255.0000, -0.0000,
-0.0000

■ 144.2340,
-108.5130, -65.3850

■ 211.2730,
-76.7450, -35.3770

■ 124.2470,
-92.1920, -58.3040

■ 223.6050,
-62.5800, -22.2600

■ 105.5480,
-76.7420, -51.9580

■ 233.1730,
-43.5080, -15.4760

■ 86.3760, -61.3380,
-44.7780

■ 242.7410,
-24.4360, -8.6920

■ 68.3780, -46.4840,
-38.6440

■ 252.3090, -5.3640,
-1.9080

■ 50.6080, -32.2720,
-31.8880

■ 34.1260, -18.9310,

-25.8670

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 168.8200,
-116.2150, -68.9750

■ 168.8200,
-116.2150, -68.9750

■ 163.8790,
-123.8710, -73.3990

■ 176.7940,
-104.1580, -61.7100

■ 185.0670,
-91.5050, -54.2330

■ 193.0410,
-79.4480, -46.9680

■ 201.3140,
-66.7950, -39.4910

■ 209.2880,
-54.7380, -32.2260

■ 217.5610,
-42.0850, -24.7490

■ 225.4210,
-29.7070, -17.7950

■ 233.6940,
-17.0540, -10.3180

■ 241.6680, -4.9970,
-3.0530

Harmonies

Analogous

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



199.1870, -12.8740, -53.0500



168.8200, -116.2150, -68.9750



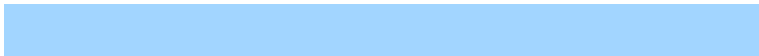
172.9190, -146.5700, -52.9860

Triad

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



168.8200, -116.2150, -68.9750



202.5390, -43.8780, 2.2500



195.7790, 60.6580, 2.0180

Complementary

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



168.8200, -116.2150, -68.9750



91.1800, 116.2150, 68.9750

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.



193.4720, 46.4860, 27.5900



168.8200, -116.2150, -68.9750



215.6710, 18.4250, 35.0410

Square

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



168.8200, -116.2150, -68.9750



165.2540, -145.6550, -42.0310



203.0020, 25.1630, 45.0910



204.8340, 66.8520, -22.1400

Rectangle

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



168.8200, -116.2150, -68.9750



173.4720, -149.5050, -49.3530



203.0020, 25.1630, 45.0910



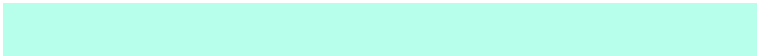
193.7220, 56.8050, 11.2770

Sweetspot

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



168.8200, -116.2150, -68.9750



231.4910, -35.8960, -21.2720



169.4450, -24.5100, -106.5100



113.3620, -22.0510, -13.3710



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.



168.8200, -116.2150, -68.9750



170.5470, -128.8680, -76.4520



146.8800, -123.3300, -22.6100



118.0700, -6.1890, -3.4770



124.3440, -93.8430, -55.9150



39.4210, -29.7070, -17.7950

Inverse Universe

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



91.1800, 116.2150, 68.9750



84.4530, 128.8680, 76.4520



113.1200, 123.3300, 22.6100



114.0440, 5.8680, 3.7880



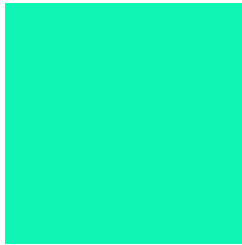
61.6560, 93.8430, 55.9150



19.5790, 29.7070, 17.7950

Previews

White Background



This preview shows how the YIQ color 168.8200, -116.2150, -68.9750 looks on a white background.

Color Contrast Check

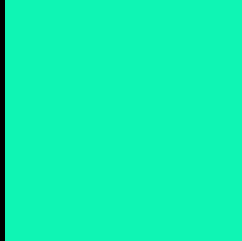
Large Text (above 18pt) WCAG AA × Fail

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 168.8200, -116.2150, -68.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

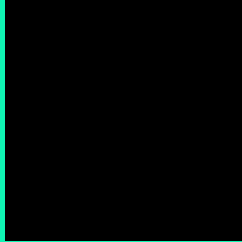
Any Text WCAG AA ✓ Pass

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 168.8200, -116.2150, -68.9750 Background



This preview shows how black text looks on a background with the YIQ color 168.8200, -116.2150, -68.9750.

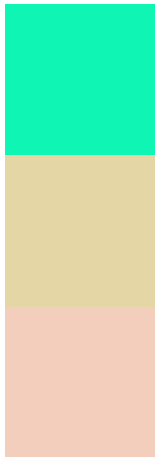


This preview shows how white text looks on a background with the YIQ color 168.8200, -116.2150, -68.9750.

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

168.8200, -116.2150, -68.9750

Protanopia

212.6000, 24.0730, -12.2710

Deuteranopia

215.4240, 28.1050, 2.7690



Tritanopia

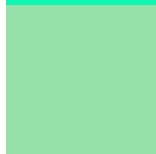
191.1200, -97.8830, -26.7390

Trichromacy



Original Color

168.8200, -116.2150, -68.9750



Protanomaly

196.3050, -27.0450, -33.0050



Deuteranomaly

198.4830, -24.2500, -23.0820



Tritanomaly

183.2140, -104.6200, -42.3160

Monochromacy



Original Color

168.8200, -116.2150, -68.9750



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

169.1480, -42.3600, -25.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.8200, -116.2150, -68.9750 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(15, 245, 180)` looks like.

```
.text, #text, p{  
    color:rgb(15, 245, 180)  
}
```

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(15, 245, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 245, 180) }
```

Border

The CSS property to change the border of an element to YIQ 168.8200, -116.2150, -68.9750 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(15, 245, 180) }
```


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

```
.border{ border-color:rgb(15, 245, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 245, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 245, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 245, 180);  
box-shadow:4px 4px 4px 4px rgb(15, 245,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 168.8200, -116.2150, -68.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 245, 180) }
```

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

```
.background{ background-color: rgb(15, 245,  
180) }
```

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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