

Converting Colors

YIQ(138.2290, -92.9220,
-78.1220)

Have a look what the booklet for
YIQ(138.2290, -92.9220, -78.1220)
contains.

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Color

**YIQ(138.2290, -92.9220,
-78.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	01D66C
RGB	1, 214, 108
RGB Percent	0%, 84%, 42%
CMY	0.9966, 0.1604, 0.5767
CMYK	1.00, 0.00, 0.50, 0.16
HSL	150°, 99%, 42%
HSV	150°, 100%, 84%
XYZ	26.7827, 49.2250, 22.2567
YIQ	138.2290, -92.9220, -78.1220

Conversions

Conversions Part 2

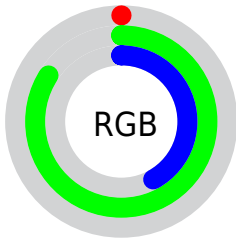
Format	Color
RYB	1, 143, 214
Decimal	120428
CIELab	75.59, -66.99, 40.10
CIELCh	76, 78.075, 149.094
Yxy	49.2250, 0.2726, 0.5009
Android (android.graphics.Color)	4278310508 (0xFF01D66C)
YUV	138.2290, -14.9029, -120.3498
Hunter-Lab	70.1605, -54.6412, 30.3040

Details

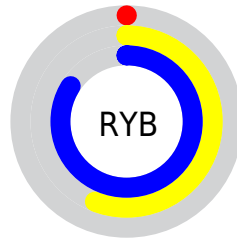
The YIQ color **138.2290, -92.9220, -78.1220** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **76.7710, 92.9220, 78.1220**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.4340, -59.2260, -61.0340**, and **99.2440, -61.7470, -64.9070** is the 20% darker color. If you saturate the color by 10%, you get **137.8160, -93.1970, -78.6450**, and if you desaturate by 10%, it is **145.7620, -83.9370, -70.2490**.

Distribution



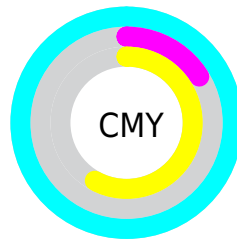
- Red (0%)
- Green (84%)
- Blue (42%)



- Red (0%)
- Yellow (56%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.2290, -92.9220, -78.1220 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 138.2290, -92.9220, -78.1220 by changing the saturation by 10% instead.

■ 138.2290,
-92.9220, -78.1220

■ 138.2290,
-92.9220, -78.1220

■ 255.0000, -0.0000,
-0.0000

■ 118.5300,
-77.4720, -71.7760

■ 199.4340,
-59.2260, -61.0340

■ 99.2440, -61.7470,
-64.9070

■ 212.4930,
-48.5460, -45.3300

■ 79.9580, -46.0220,
-58.0380

■ 224.9540,
-39.0580, -30.0500

■ 61.1620, -28.9210,
-54.0810

■ 237.5290,
-29.8910, -14.4590

■ 45.7860, -21.4500,
-40.7940

■ 248.1230,
-13.7080, -4.8760

■ 32.2850, -15.1250,
-28.7650

■ 16.4360, -7.7000,

-14.6440

■ 0.0000, 0.0000,
0.0000

■ 138.2290,
-92.9220, -78.1220

■ 138.2290,
-92.9220, -78.1220

■ 137.8160,
-93.1970, -78.6450

■ 145.7620,
-83.9370, -70.2490

■ 153.4800,
-74.0350, -62.4750

■ 161.0130,
-65.0500, -54.6020

■ 168.8450,
-55.4690, -46.5170

■ 176.2640,
-46.1630, -38.9550

■ 183.7970,
-37.1780, -31.0820

■ 191.6290,
-27.5970, -22.9970

■ 199.0480,
-18.2910, -15.4350

■ 206.8800, -8.7100,
-7.3500

Harmonies

Analogous

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



168.6960, 21.8810, -60.6710



138.2290, -92.9220, -78.1220



149.3010, -118.6470, -57.9350

Triad

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



138.2290, -92.9220, -78.1220



143.5350, -135.4800, -22.6800



162.8270, 79.0390, 26.8390

Complementary

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



138.2290, -92.9220, -78.1220



76.7710, 92.9220, 78.1220

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.



165.0510, 58.9980, 54.1500



138.2290, -92.9220, -78.1220



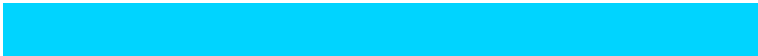
181.5060, -20.7750, 29.6010

Square

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



138.2290, -92.9220, -78.1220



153.5140, -140.1550, -31.5710



184.5600, 33.0000, 62.7600



173.2550, 91.0120, -8.4440

Rectangle

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



138.2290, -92.9220, -78.1220



155.4740, -134.6510, -43.2190



184.5600, 33.0000, 62.7600



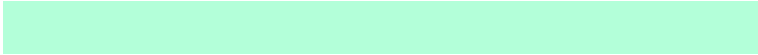
161.3400, 73.5810, 37.6530

Sweetspot

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



138.2290, -92.9220, -78.1220



227.9440, -33.0980, -27.9300



157.7250, 4.6010, -88.9270



111.6240, -20.0330, -16.9050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

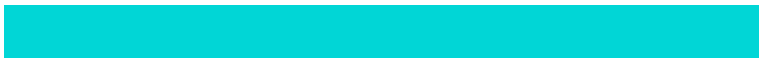
The Same Dimension uses a secret algorithm to generate beautiful new colors.



138.2290, -92.9220, -78.1220



164.2770, -111.2130, -93.5570



150.3130, -126.9480, -45.1560



103.1410, -4.9510, -3.8870



110.1810, -74.6310, -62.6870



27.7490, -18.8870, -15.6470

Inverse Universe

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



76.7710, 92.9220, 78.1220



90.7230, 111.2130, 93.5570



64.6870, 126.9480, 45.1560



99.9730, 4.6300, 4.1980



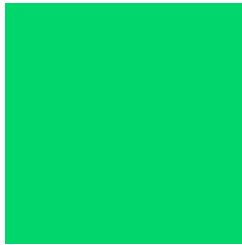
60.8190, 74.6310, 62.6870



15.3650, 18.5660, 15.9580

Previews

White Background



This preview shows how the YIQ color 138.2290, -92.9220, -78.1220 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 138.2290, -92.9220, -78.1220 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 138.2290, -92.9220, -78.1220 Background



This preview shows how black text looks on a background with the YIQ color 138.2290, -92.9220, -78.1220.



This preview shows how white text looks on a background with the YIQ color 138.2290, -92.9220, -78.1220.

-78.1220.

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

138.2290, -92.9220, -78.1220

Protanopia

180.7630, 39.2510, -23.0290

Deuteranopia

183.3270, 46.9510, -8.3850



Tritanopia

167.9440, -76.6560, -20.4640

Trichromacy



Original Color

138.2290, -92.9220, -78.1220



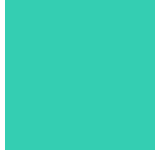
Protanomaly

165.5500, -9.1620, -43.2260



Deuteranomaly

166.9840, -4.2120, -33.8120



Tritanomaly

156.7620, -82.7960, -41.3560

Monochromacy



Original Color

138.2290, -92.9220, -78.1220



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.2320, -33.9690, -28.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.2290, -92.9220, -78.1220 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(1, 214, 108)` looks like.

```
.text, #text, p{  
    color:rgb(1, 214, 108)  
}
```

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(1, 214, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 214, 108) }
```

Border

The CSS property to change the border of an element to YIQ 138.2290, -92.9220, -78.1220 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(1, 214, 108) }
```


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

```
.border{ border-color:rgb(1, 214, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 214, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 214, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 214, 108);  
box-shadow:4px 4px 4px 4px rgb(1, 214,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 138.2290, -92.9220, -78.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 214, 108) }
```

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

```
.background{ background-color: rgb(1, 214,  
108) }
```

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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