

Converting Colors

YIQ(128.9190, -77.7900,
-88.0460)

Have a look what the booklet for
YIQ(128.9190, -77.7900, -88.0460)
contains.

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Color

**YIQ(128.9190, -77.7900,
-88.0460)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00CF41 |
| RGB | 0, 207, 65 |
| RGB Percent | 0%, 81%, 25% |
| CMY | 1.0000, 0.1879, 0.7453 |
| CMYK | 1.00, 0.00, 0.69, 0.19 |
| HSL | 139°, 100%, 41% |
| HSV | 139°, 100%, 81% |
| XYZ | 23.2865, 45.0487, 12.4613 |
| YIQ | 128.9190, -77.7900, -88.0460 |

Conversions

Conversions Part 2

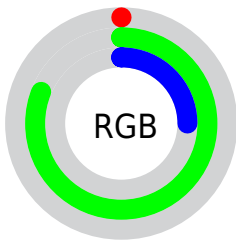
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 0, 158, 207 |
| Decimal | 53057 |
| CIELab | 72.92, -70.43, 56.21 |
| CIELCh | 73, 90.111, 141.403 |
| Yxy | 45.0487, 0.2882, 0.5576 |
| Android (android.graphics.Color) | 4278243137 (0xFF00CF41) |
| YUV | 128.9190, -31.5121, -113.0620 |
| Hunter-Lab | 67.1183, -55.5271, 35.9750 |

Details

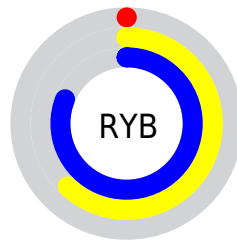
The YIQ color **128.9190, -77.7900, -88.0460** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **78.0810, 77.7900, 88.0460**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3470, -46.3400, -74.3080**, and **88.6370, -41.5250, -78.9730** is the 20% darker color. If you saturate the color by 10%, you get **128.9190, -77.7900, -88.0460**, and if you desaturate by 10%, it is **136.7940, -69.7680, -79.2400**.

Distribution



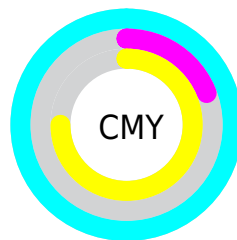
- Red (0%)
- Green (81%)
- Blue (25%)



- Red (0%)
- Yellow (62%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9190, -77.7900, -88.0460 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 128.9190, -77.7900, -88.0460 by changing the saturation by 10% instead.

■ 128.9190,
-77.7900, -88.0460

■ 128.9190,
-77.7900, -88.0460

■ 255.0000, -0.0000,
-0.0000

■ 109.1770,
-60.7810, -82.4210

■ 194.3470,
-46.3400, -74.3080

■ 88.6370, -41.5250,
-78.9730

■ 207.4060,
-35.6600, -58.6040

■ 72.7880, -34.1000,
-64.8520

■ 220.1660,
-25.5760, -43.1120

■ 56.9390, -26.6750,
-50.7310

■ 232.6270,
-16.0880, -27.8320

■ 42.2640, -19.8000,
-37.6560

■ 245.2020, -6.9210,
-12.2410

■ 28.1760, -13.2000,
-25.1040

■ 10.5660, -4.9500,

-9.4140

■ 0.0000, 0.0000,
0.0000

■ 128.9190,
-77.7900, -88.0460

■ 136.7940,
-69.7680, -79.2400

■ 144.3700,
-62.3420, -70.6460

■ 152.3590,
-54.6410, -61.5290

■ 160.2340,
-46.6190, -52.7230

■ 168.1090,
-38.5970, -43.9170

■ 175.6850,
-31.1710, -35.3230

■ 183.5600,
-23.1490, -26.5170

■ 191.5490,
-15.4480, -17.4000

■ 199.1250, -8.0220,
-8.8060

Harmonies

Analogous

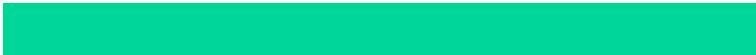
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.2450, 41.9640, -66.7080



128.9190, -77.7900, -88.0460



142.9460, -107.6420, -64.6500

Triad

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



128.9190, -77.7900, -88.0460



144.1220, -135.7550, -23.2030



143.7980, 87.1510, 45.0310

Complementary

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



128.9190, -77.7900, -88.0460



78.0810, 77.7900, 88.0460

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.



150.7980, 61.9290, 72.6250



128.9190, -77.7900, -88.0460



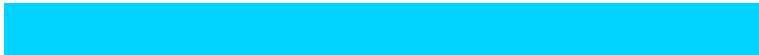
162.6690, -58.3230, 16.2450

Square

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



128.9190, -77.7900, -88.0460



152.9270, -139.8800, -31.0480



178.6790, 34.2830, 67.0430



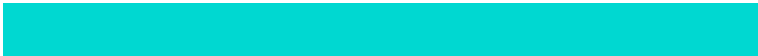
157.6850, 101.7850, 0.0650

Rectangle

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



128.9190, -77.7900, -88.0460



150.6180, -126.4890, -47.9690



178.6790, 34.2830, 67.0430



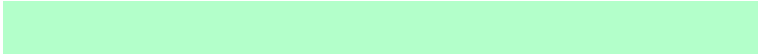
142.1800, 80.6840, 57.6120

Sweetspot

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



128.9190, -77.7900, -88.0460



226.2340, -28.2830, -32.5950



164.8640, 29.4950, -77.5210



110.5980, -17.1440, -19.7040



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.



128.9190, -77.7900, -88.0460



158.8050, -95.8050, -108.4850



140.4330, -110.2110, -56.6350



100.7990, -3.9880, -4.8200



104.6580, -63.2130, -71.3810



25.5490, -15.4480, -17.4000

Inverse Universe

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



78.0810, 77.7900, 88.0460



96.1950, 95.8050, 108.4850



66.5670, 110.2110, 56.6350



98.0870, 4.3090, 4.5090



63.4560, 62.8920, 71.6920



15.4510, 15.4480, 17.4000

Previews

White Background



This preview shows how the YIQ color 128.9190, -77.7900, -88.0460 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 128.9190, -77.7900, -88.0460 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 128.9190, -77.7900, -88.0460 Background



This preview shows how black text looks on a background with the YIQ color 128.9190, -77.7900, -88.0460.



This preview shows how white text looks on a background with the YIQ color 128.9190, -77.7900, -88.0460.

-88.0460.

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

128.9190, -77.7900, -88.0460

Protanopia

170.4850, 51.3570, -33.1790

Deuteranopia

173.8750, 59.6070, -17.4890



Tritanopia

162.2330, -70.1000, -18.1320

Trichromacy



Original Color

128.9190, -77.7900, -88.0460



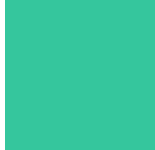
Protanomaly

155.7560, 4.4570, -53.2630



Deuteranomaly

157.6030, 9.6820, -43.3260



Tritanomaly

149.9710, -73.2590, -43.4910

Monochromacy



Original Color

128.9190, -77.7900, -88.0460



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.7610, -28.3290, -31.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9190, -77.7900, -88.0460 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, 207, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 65)  
}
```

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, 207, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 65) }
```

Border

The CSS property to change the border of an element to YIQ 128.9190, -77.7900, -88.0460 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, 207, 65) }
```


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

```
.border{ border-color:rgb(0, 207, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 65);  
box-shadow:4px 4px 4px 4px rgb(0, 207, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 128.9190, -77.7900, -88.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 65) }
```

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

```
.background{ background-color: rgb(0, 207,  
65) }
```

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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