

Converting Colors

YIQ(119.7410, -77.1620,
-11.2900)

Have a look what the booklet for
YIQ(119.7410, -77.1620, -11.2900)
contains.

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Color

**YIQ(119.7410, -77.1620,
-11.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	2794BA
RGB	39, 148, 186
RGB Percent	15%, 58%, 73%
CMY	0.8472, 0.4194, 0.2709
CMYK	0.79, 0.20, 0.00, 0.27
HSL	195°, 65%, 44%
HSV	195°, 79%, 73%
XYZ	20.2854, 25.1659, 50.1950
YIQ	119.7410, -77.1620, -11.2900

Conversions

Conversions Part 2

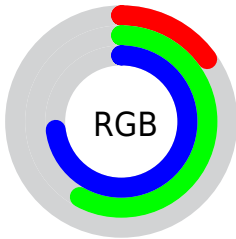
Format	Color
R _Y B	39, 102, 186
Decimal	2593978
CIE Lab	57.24, -16.87, -28.23
CIE LCh	57, 32.888, 239.134
Yxy	25.1659, 0.2121, 0.2631
Android (android.graphics.Color)	4280784058 (0xFF2794BA)
YUV	119.7410, 32.6657, -70.8099
Hunter-Lab	50.1656, -15.6102, -24.2088

Details

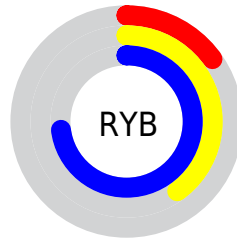
The YIQ color **119.7410, -77.1620, -11.2900** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **105.2590, 77.1620, 11.2900**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **178.4540, -68.8640, -7.4880**, and **72.1010, -69.3680, -9.3680** is the 20% darker color. If you saturate the color by 10%, you get **111.1250, -87.1110, -12.7030**, and if you desaturate by 10%, it is **128.3570, -67.2130, -9.8770**.

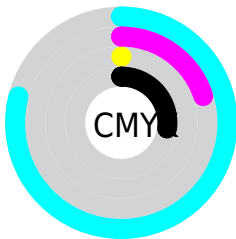
Distribution



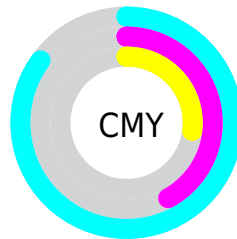
- Red (15%)
- Green (58%)
- Blue (73%)



- Red (15%)
- Yellow (40%)
- Blue (73%)



- Cyan (79%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7410, -77.1620, -11.2900 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 119.7410, -77.1620, -11.2900 by changing the saturation by 10% instead.

■ 119.7410,
-77.1620, -11.2900

■ 119.7410,
-77.1620, -11.2900

■ 255.0000, -0.0000,
-0.0000

■ 89.7400, -84.5890,
-14.3570

■ 178.4540,
-68.8640, -7.4880

■ 72.1010, -69.3680,
-9.3680

■ 205.3420,
-62.8570, -11.7290

■ 55.0490, -54.4220,
-4.9020

■ 228.9870,
-51.8520, -18.4440

■ 39.3990, -40.6680,
-0.8600

■ 237.9570,
-33.9720, -12.0840

■ 24.9230, -27.4640,
2.1360

■ 246.9270,
-16.0920, -5.7240

■ 5.5060, -12.7480,
10.7720

■ 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 119.7410,
-77.1620, -11.2900

■ 119.7410,
-77.1620, -11.2900

■ 111.1250,
-87.1110, -12.7030

■ 128.3570,
-67.2130, -9.8770

■ 102.8080,
-96.4640, -13.9040

■ 136.6740,
-57.8600, -8.6760

■ 102.2100,
-97.6560, -14.3280

■ 144.7030,
-47.6360, -6.7400

■ 153.0200,
-38.2830, -5.5390

■ 161.6360,
-28.3340, -4.1260

■ 170.2520,
-18.3850, -2.7130

■ 178.5690, -9.0320,
-1.5120

■ 186.5980, 1.1920,
0.4240

■ 194.9150, 10.5450,
1.6250

Harmonies

Analogous

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



107.9200, -94.4440, -28.4920



119.7410, -77.1620, -11.2900



132.4020, -44.7500, 7.0420

Triad

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



119.7410, -77.1620, -11.2900



140.4600, 37.5920, 23.5760



132.3050, 8.4860, -21.6420

Complementary

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



119.7410, -77.1620, -11.2900



105.2590, 77.1620, 11.2900

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.



135.3080, 30.7670, -12.4410



119.7410, -77.1620, -11.2900



138.7410, 46.6260, 14.0340

Square

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



119.7410, -77.1620, -11.2900



141.2050, 16.5010, 25.8530



137.3410, 44.3360, 0.4640



128.0550, -20.1690, -25.4570

Rectangle

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



119.7410, -77.1620, -11.2900



137.8070, -23.6610, 15.8190



137.3410, 44.3360, 0.4640



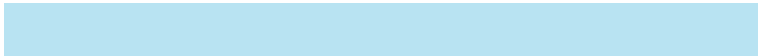
133.3770, 17.1510, -18.9850

Sweetspot

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



119.7410, -77.1620, -11.2900



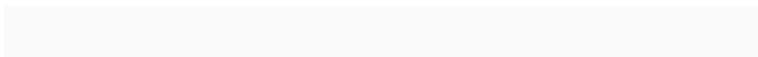
215.8530, -30.4430, -4.4510



129.5070, -52.3020, -65.3740



106.2520, -18.3850, -2.7130



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



119.7410, -77.1620, -11.2900



138.5970, -120.8550, -17.9030



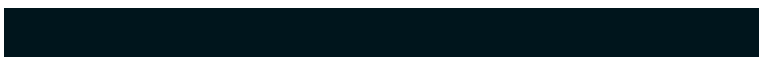
77.4770, -57.3620, 26.3660



87.5480, -4.5390, -0.3390



85.2890, -81.7010, -11.6290



15.5190, -14.7630, -2.2750

Inverse Universe

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



95.3790, 52.6230, 65.0630



100.2640, 82.1890, 101.9410



147.5230, 57.3620, -26.3660



86.3750, 3.4380, 3.7740



59.7540, 56.0610, 68.8370



10.7660, 9.9470, 12.4670

Previews

White Background



This preview shows how the YIQ color 119.7410, -77.1620, -11.2900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.7410, -77.1620, -11.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

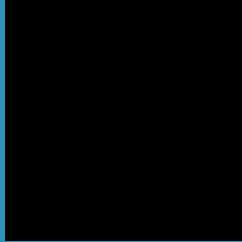
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.7410, -77.1620, -11.2900 Background



This preview shows how black text looks on a background with the YIQ color 119.7410, -77.1620, -11.2900.



This preview shows how white text looks on a background with the YIQ color 119.7410, -77.1620, -11.2900.

-11.2900.

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

119.7410, -77.1620, -11.2900

Protanopia

136.9830, -18.5250, 10.8430

Deuteranopia

136.3720, -26.8700, 13.4020



Tritanopia

107.9200, -94.4440, -28.4920

Trichromacy



Original Color

119.7410, -77.1620, -11.2900

Protanomaly

130.8060, -40.2560, 2.6880

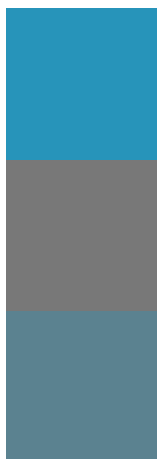
Deuteranomaly

130.5220, -45.2080, 4.3280

Tritanomaly

112.4310, -88.3930, -22.5130

Monochromacy



Original Color

119.7410, -77.1620, -11.2900

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9350, -27.7380, -3.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7410, -77.1620, -11.2900 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(39, 148, 186)` looks like.

```
.text, #text, p{  
    color:rgb(39, 148, 186)  
}
```

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(39, 148, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 148, 186) }
```

Border

The CSS property to change the border of an element to YIQ 119.7410, -77.1620, -11.2900 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(39, 148, 186) }
```


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

```
.border{ border-color:rgb(39, 148, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 148, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 148, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 148, 186);  
box-shadow:4px 4px 4px 4px rgb(39, 148,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7410, -77.1620, -11.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 148, 186) }
```

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

```
.background{ background-color: rgb(39, 148,  
186) }
```

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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