

Converting Colors

YIQ(77.0680, -29.0700, 9.2180)

Have a look what the booklet for
YIQ(77.0680, -29.0700, 9.2180)
contains.

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Color

**YIQ(77.0680, -29.0700,
9.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	374F7D
RGB	55, 79, 125
RGB Percent	22%, 31%, 49%
CMY	0.7843, 0.6902, 0.5100
CMYK	0.56, 0.37, 0.00, 0.51
HSL	219°, 39%, 35%
HSV	219°, 56%, 49%
XYZ	8.0711, 7.8851, 20.4857
YIQ	77.0680, -29.0700, 9.2180

Conversions

Conversions Part 2

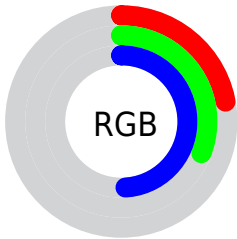
Format	Color
RYB	55, 73, 125
Decimal	3624829
CIELab	33.74, 5.36, -28.84
CIELCh	34, 29.334, 280.533
Yxy	7.8851, 0.2215, 0.2164
Android (android.graphics.Color)	4281814909 (0xFF374F7D)
YUV	77.0680, 23.6305, -19.3536
Hunter-Lab	28.0805, 2.1648, -23.5978

Details

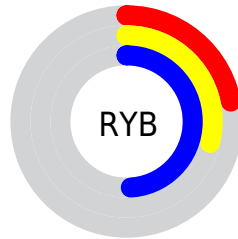
The YIQ color **77.0680, -29.0700, 9.2180** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **102.9320, 29.0700, -9.2180**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.4210, -28.5660, 11.0980**, and **29.2090, -34.0210, 5.3310** is the 20% darker color. If you saturate the color by 10%, you get **68.4850, -34.6180, 10.6460**, and if you desaturate by 10%, it is **85.3520, -24.1180, 7.5780**.

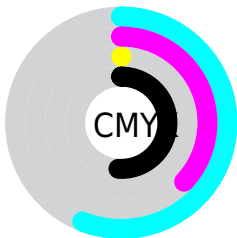
Distribution



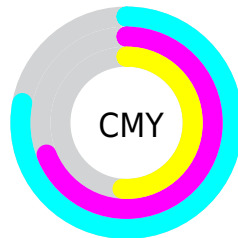
- Red (22%)
- Green (31%)
- Blue (49%)



- Red (22%)
- Yellow (29%)
- Blue (49%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (51%)



- Cyan (78%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.0680, -29.0700, 9.2180 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 77.0680, -29.0700, 9.2180 by changing the saturation by 10% instead.

■ 77.0680, -29.0700,
9.2180

■ 77.0680, -29.0700,
9.2180

■ 255.0000, -0.0000,
-0.0000

■ 52.6440, -30.8120,
7.7480

■ 127.4210,
-28.5660, 11.0980

■ 29.2090, -34.0210,
5.3310

■ 153.8340,
-28.2910, 11.6210

■ 13.6730, -20.5880,
9.6840

■ 180.4750,
-28.6580, 12.7660

■ 4.7080, -10.5010,
8.5950

■ 207.3780,
-27.0070, 10.3770

■ 0.2280, -0.6420,
0.6220

■ 232.4850,
-17.4230, 1.8810

■ 0.0000, 0.0000,
0.0000

■ 252.3090, -5.3640,

-1.9080

■ 77.0680, -29.0700,
9.2180

■ 77.0680, -29.0700,
9.2180

■ 68.4850, -34.6180,
10.6460

■ 85.3520, -24.1180,
7.5780

■ 60.2010, -39.5700,
12.2860

■ 93.9350, -18.5700,
6.1500

■ 51.3300, -44.2470,
14.4490

■ 102.8060,
-13.8930, 3.9870

■ 42.7470, -49.7950,
15.8770

■ 111.3890, -8.3450,
2.5590

■ 39.4910, -51.9500,
16.3860

■ 119.6730, -3.3930,
0.9190

■ 128.2560, 2.1550,
-0.5090

■ 136.5400, 7.1070,
-2.1490

■ 145.7100, 12.3800,
-4.1000

■ 153.9940, 17.3320,
-5.7400

Harmonies

Analogous

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



64.5040, -63.1330, -6.7250



77.0680, -29.0700, 9.2180



81.7080, -1.3330, 18.6590

Triad

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



77.0680, -29.0700, 9.2180



78.8490, 37.2740, 7.3060



67.4870, -30.0730, -22.1770

Complementary

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



77.0680, -29.0700, 9.2180



102.9320, 29.0700, -9.2180

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.



73.9110, -1.9680, -19.4080



77.0680, -29.0700, 9.2180



78.5350, 31.8660, -4.8220

Square

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



77.0680, -29.0700, 9.2180



80.2050, 33.6960, 17.0880



76.6100, 18.1130, -14.3910



63.3350, -52.9520, -20.5360

Rectangle

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



77.0680, -29.0700, 9.2180



81.6020, 13.7050, 21.4570



76.6100, 18.1130, -14.3910



70.2880, -19.2070, -20.8630

Sweetspot

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



77.0680, -29.0700, 9.2180



144.0620, -11.7380, 3.4780



101.2200, -33.6950, -22.6150



70.4600, -7.1070, 2.1490



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



77.0680, -29.0700, 9.2180



88.1450, -45.1640, 14.5480



65.9700, -16.5100, 23.8900



59.5590, -3.0720, 0.6080



40.4200, -53.1880, 16.7960



0.0000, 0.0000, 0.0000

Inverse Universe

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



78.6660, 34.0160, 22.3040



90.8090, 53.0870, 34.6150



113.7310, 15.9140, -24.1020



59.4350, 3.2090, 2.4170



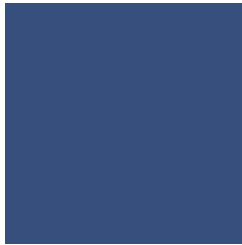
43.2880, 62.1640, 40.8200



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 77.0680, -29.0700, 9.2180 looks on a white 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

Black Background



This preview shows how the YIQ color 77.0680, -29.0700, 9.2180 looks on a black 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

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

YIQ 77.0680, -29.0700, 9.2180

Background



This preview shows how black text looks on a background with the YIQ color 77.0680, -29.0700, 9.2180.



This preview shows how white text looks on a background with the YIQ color 77.0680, -29.0700,

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

77.0680, -29.0700, 9.2180

Protanopia

78.4600, -24.3020, 10.9140

Deuteranopia

76.7690, -29.6660, 9.0060



Tritanopia

73.9410, -27.8750, -6.9390

Trichromacy



Original Color

77.0680, -29.0700, 9.2180

Protanomaly

77.5630, -26.0900, 10.2780

Deuteranomaly

76.7690, -29.6660, 9.0060

Tritanomaly

74.7440, -28.5180, -0.7900

Monochromacy



Original Color

77.0680, -29.0700, 9.2180

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1330, -10.5000, 3.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.0680, -29.0700, 9.2180 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(55, 79, 125)` looks like.

```
.text, #text, p{  
    color:rgb(55, 79, 125)  
}
```

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(55, 79, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 79, 125) }
```

Border

The CSS property to change the border of an element to YIQ 77.0680, -29.0700, 9.2180 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(55, 79, 125) }
```


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

```
.border{ border-color:rgb(55, 79, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 79, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 79, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 79, 125);  
box-shadow:4px 4px 4px 4px rgb(55, 79,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 77.0680, -29.0700, 9.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 79, 125) }
```

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

```
.background{ background-color: rgb(55, 79,  
125) }
```

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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