

Converting Colors

YIQ(127.2120, 69.6310, 76.2150)

Have a look what the booklet for
YIQ(127.2120, 69.6310, 76.2150)
contains.

YIQ(127.2120, 69.6310, 76.2150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(127.2120, 69.6310,
76.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	F13BB4
RGB	241, 59, 180
RGB Percent	95%, 23%, 71%
CMY	0.0544, 0.7689, 0.2939
CMYK	0.00, 0.76, 0.25, 0.05
HSL	320°, 87%, 59%
HSV	320°, 76%, 95%
XYZ	46.1229, 25.1409, 45.6266
YIQ	127.2120, 69.6310, 76.2150

Conversions

Conversions Part 2

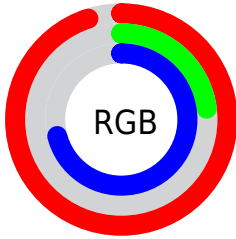
Format	Color
R _Y B	241, 59, 180
Decimal	15809460
CIE Lab	57.21, 77.34, -23.44
CIE LCh	57, 80.814, 343.143
Yxy	25.1409, 0.3946, 0.2151
Android (android.graphics.Color)	4293999540 (0xFFFF13BB4)
YUV	127.2120, 26.0245, 99.7921
Hunter-Lab	50.1407, 76.4506, -18.8538

Details

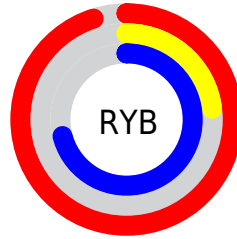
The YIQ color **127.2120, 69.6310, 76.2150** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **172.7880, -69.6310, -76.2150**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.3500, 42.3990, 63.1270**, and **68.2980, 66.5130, 77.6570** is the 20% darker color. If you saturate the color by 10%, you get **112.2120, 78.7990, 86.2790**, and if you desaturate by 10%, it is **142.2120, 60.4630, 66.1510**.

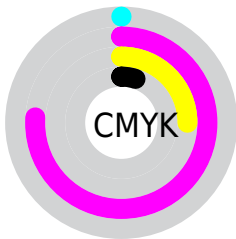
Distribution



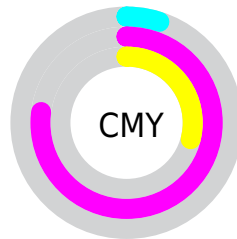
- Red (95%)
- Green (23%)
- Blue (71%)



- Red (95%)
- Yellow (23%)
- Blue (71%)



- Cyan (0%)
- Magenta (76%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (77%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.2120, 69.6310, 76.2150 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 127.2120, 69.6310, 76.2150 by changing the saturation by 10% instead.

127.2120, 69.6310,
76.2150

127.2120, 69.6310,
76.2150

255.0000, -0.0000,
-0.0000

82.8790, 75.5430,
90.2230

175.3500, 42.3990,
63.1270

68.2980, 66.5130,
77.6570

195.1260, 28.0500,
53.3460

56.7770, 57.2540,
63.7340

212.7360, 19.8000,
37.6560

45.0710, 47.0780,
49.9100

230.3460, 11.5500,
21.9660

33.6640, 37.4980,
36.2980

247.9560, 3.3000,
6.2760

23.1970, 28.1470,
24.0430

10.9210, 19.5760,

8.6640

■ 0.0000, 0.0000,
0.0000

■ 127.2120, 69.6310,
76.2150

■ 127.2120, 69.6310,
76.2150

■ 112.2120, 78.7990,
86.2790

■ 142.2120, 60.4630,
66.1510

■ 97.2120, 87.9670,
96.3430

■ 157.2120, 51.2950,
56.0870

■ 90.2990, 92.2760,
100.8520

■ 172.2120, 42.1270,
46.0230

■ 187.2120, 32.9590,
35.9590

■ 202.7990, 23.5160,
25.3720

■ 217.9130, 14.0270,
15.6190

■ 232.9130, 4.8590,
5.5550

■ 247.9130, -4.3090,
-4.5090

■ 250.5860, -7.7020,
-3.5900

Harmonies

Analogous

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



140.3850, -0.2400, 59.4400



127.2120, 69.6310, 76.2150



115.7870, 104.0200, 64.2120

Triad

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



127.2120, 69.6310, 76.2150



125.7900, 42.6480, -46.0560



124.0040, -120.4430, -14.3550

Complementary

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



127.2120, 69.6310, 76.2150



172.7880, -69.6310, -76.2150

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.



117.7680, -100.1280, -35.6160



127.2120, 69.6310, 76.2150



106.5000, -16.0340, -72.8820

Square

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



127.2120, 69.6310, 76.2150



129.0550, 85.2830, -20.2610



107.5710, -75.5490, -57.0610



121.2290, -125.0300, -2.8060

Rectangle

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



127.2120, 69.6310, 76.2150



122.8480, 110.0770, 37.0290



107.5710, -75.5490, -57.0610



122.3110, -114.2980, -21.0980

Sweetspot

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



127.2120, 69.6310, 76.2150



218.0870, 22.6450, 24.6370



97.9870, -22.0660, 69.5340



105.5000, 13.7520, 15.0960



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.



127.2120, 69.6310, 76.2150



109.9240, 88.8380, 97.0780



116.8380, 98.8420, 47.9140



112.5000, 4.5840, 5.0320



68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Inverse Universe

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



127.2120, 69.6310, 76.2150



109.9240, 88.8380, 97.0780



183.1620, -98.8420, -47.9140



112.5000, 4.5840, 5.0320



68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 127.2120, 69.6310, 76.2150 looks on a white background.

Color Contrast Check

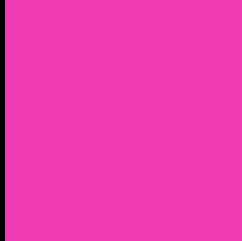
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.2120, 69.6310, 76.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

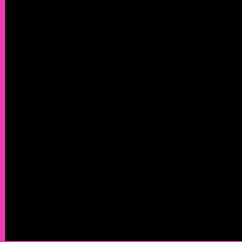
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.2120, 69.6310, 76.2150

Background



This preview shows how black text looks on a background with the YIQ color 127.2120, 69.6310, 76.2150.



This preview shows how white text looks on a background with the YIQ color 127.2120, 69.6310,

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

127.2120, 69.6310, 76.2150

Protanopia

133.2980, -58.4160, 23.4400

Deuteranopia

138.9900, -11.2350, 10.8850



Tritanopia

131.5230, 86.0070, 32.7190

Trichromacy



Original Color

127.2120, 69.6310, 76.2150



Protanomaly

131.2010, -12.0660, 42.4780



Deuteranomaly

134.6710, 18.4250, 35.0410



Tritanomaly

130.1980, 80.2730, 48.5370

Monochromacy



Original Color

127.2120, 69.6310, 76.2150



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

127.0490, 25.8080, 27.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.2120, 69.6310, 76.2150 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(241, 59, 180)` looks like.

```
.text, #text, p{  
    color:rgb(241, 59, 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(241, 59, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 59, 180) }
```

Border

The CSS property to change the border of an element to YIQ 127.2120, 69.6310, 76.2150 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(241, 59, 180) }
```


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

```
.border{ border-color:rgb(241, 59, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 59, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 59, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 59, 180);  
box-shadow:4px 4px 4px 4px rgb(241, 59,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 127.2120, 69.6310, 76.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 59, 180) }
```

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

```
.background{ background-color: rgb(241, 59,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor