

Converting Colors

YIQ(120.8490, 92.2820, 67.6900)

Have a look what the booklet for
YIQ(120.8490, 92.2820, 67.6900)
contains.

YIQ(120.8490, 92.2820, 67.6900)	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(120.8490, 92.2820,
67.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	FB3486
RGB	251, 52, 134
RGB Percent	98%, 20%, 53%
CMY	0.0152, 0.7963, 0.4742
CMYK	0.00, 0.79, 0.47, 0.02
HSL	335°, 96%, 59%
HSV	335°, 79%, 98%
XYZ	45.3646, 24.7060, 24.9603
YIQ	120.8490, 92.2820, 67.6900

Conversions

Conversions Part 2

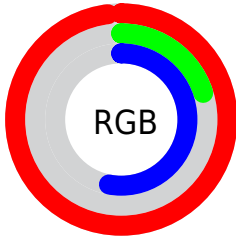
Format	Color
RYB	251, 52, 134
Decimal	16462982
CIELab	56.79, 77.01, 3.09
CIElCh	57, 77.069, 2.300
Yxy	24.7060, 0.4774, 0.2600
Android (android.graphics.Color)	4294653062 (0xFFFB3486)
YUV	120.8490, 6.4834, 114.1424
Hunter-Lab	49.7051, 75.9284, 5.0201

Details

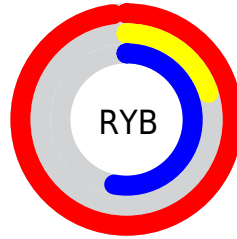
The YIQ color **120.8490, 92.2820, 67.6900** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **182.1510, -92.2820, -67.6900**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8290, 59.5030, 50.5030**, and **65.9020, 84.7630, 66.2910** is the 20% darker color. If you saturate the color by 10%, you get **104.4640, 103.9720, 76.1000**, and if you desaturate by 10%, it is **137.2340, 80.5920, 59.2800**.

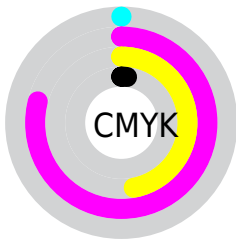
Distribution



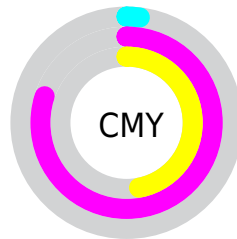
- Red (98%)
- Green (20%)
- Blue (53%)



- Red (98%)
- Yellow (20%)
- Blue (53%)



- Cyan (0%)
- Magenta (79%)
- Yellow (47%)
- Black (2%)





- Cyan (2%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.8490, 92.2820, 67.6900 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 120.8490, 92.2820, 67.6900 by changing the saturation by 10% instead.


 120.8490, 92.2820,
67.6900


 120.8490, 92.2820,
67.6900


255.0000, -0.0000,
-0.0000


 78.2060, 96.1310,
80.5390


 166.8290, 59.5030,
50.5030


 65.9020, 84.7630,
66.2910


 188.2180, 41.9900,
42.9980


 54.0110, 73.6700,
52.5660


 208.4330, 25.0270,
36.5390

 42.6470, 62.5310,
39.6750

 227.9980, 12.6500,
24.0580

 30.9840, 50.7960,
26.5720

 245.6080, 4.4000,
8.3680

 20.3750, 38.9690,
15.1370

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 120.8490, 92.2820,
67.6900

■ 120.8490, 92.2820,
67.6900

■ 104.4640,
103.9720, 76.1000

■ 137.2340, 80.5920,
59.2800

■ 88.1930, 115.3410,
84.8210

■ 153.6190, 68.9020,
50.8700

■ 86.9050, 116.2120,
85.5560

■ 169.8900, 57.5330,
42.1490

■ 186.2750, 45.8430,
33.7390

■ 202.6600, 34.1530,
25.3290

219.6320, 22.1880,
16.3960

235.9030, 10.8190,
7.6750

252.2880, -0.8710,
-0.7350

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



134.0670, 44.8740, 67.8340



120.8490, 92.2820, 67.6900



124.2710, 104.3920, 35.4320

Triad

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



120.8490, 92.2820, 67.6900



116.4330, 12.4360, -60.2040



122.4030, -125.5800, -3.8520

Complementary

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



120.8490, 92.2820, 67.6900



182.1510, -92.2820, -67.6900

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.



120.4530, -111.8220, -21.9180



120.8490, 92.2820, 67.6900



102.3730, -66.4240, -62.7440

Square

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



120.8490, 92.2820, 67.6900



127.0850, 58.2350, -36.6850



112.8150, -90.3150, -42.7550



113.0110, -121.1800, 4.5160

Rectangle

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



120.8490, 92.2820, 67.6900



127.0210, 100.9590, 4.0230



112.8150, -90.3150, -42.7550



122.6820, -122.2320, -9.4640

Sweetspot

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



120.8490, 92.2820, 67.6900



215.0890, 28.3310, 20.7070



109.3700, 5.2570, 86.4810



103.7730, 17.2370, 12.5090



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.



120.8490, 92.2820, 67.6900



96.7580, 112.1320, 82.4040



121.4800, 113.9290, 33.2970



116.5710, 5.8220, 4.6220



65.4030, 87.6060, 64.3260



21.0890, 28.3310, 20.7070

Inverse Universe

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



120.8490, 92.2820, 67.6900



96.7580, 112.1320, 82.4040



182.1070, -114.2040, -33.8200



116.5710, 5.8220, 4.6220



65.4030, 87.6060, 64.3260



21.0890, 28.3310, 20.7070

Previews

White Background



This preview shows how the YIQ color 120.8490, 92.2820, 67.6900 looks on a white background.

Color Contrast Check

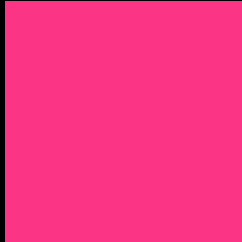
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8490, 92.2820, 67.6900 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 120.8490, 92.2820, 67.6900

Background



This preview shows how black text looks on a background with the YIQ color 120.8490, 92.2820, 67.6900.



This preview shows how white text looks on a background with the YIQ color 120.8490, 92.2820,

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

120.8490, 92.2820, 67.6900

Protanopia

137.0690, -21.6430, 12.2850

Deuteranopia

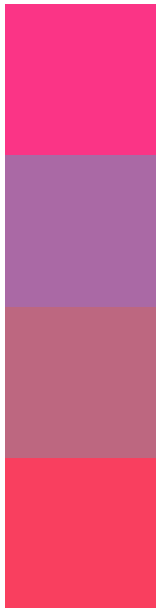
137.6660, 15.6800, 2.1760



Tritanopia

123.4500, 105.4460, 38.3580

Trichromacy



Original Color

120.8490, 92.2820, 67.6900

Protanomaly

131.2750, 19.4800, 32.4400

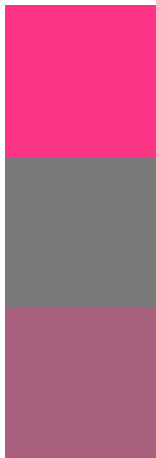
Deuteranomaly

131.5640, 43.2310, 26.0070

Tritanomaly

122.2620, 100.5840, 49.3840

Monochromacy



Original Color

120.8490, 92.2820, 67.6900

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9480, 33.2820, 24.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.8490, 92.2820, 67.6900 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(251, 52, 134)` looks like.

```
.text, #text, p{  
    color:rgb(251, 52, 134)  
}
```

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(251, 52, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 52, 134) }
```

Border

The CSS property to change the border of an element to YIQ 120.8490, 92.2820, 67.6900 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(251, 52, 134) }
```


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

```
.border{ border-color:rgb(251, 52, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 52, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 52, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 52, 134);  
box-shadow:4px 4px 4px 4px rgb(251, 52,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 120.8490, 92.2820, 67.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 52, 134) }
```

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

```
.background{ background-color: rgb(251, 52,  
134) }
```

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