

Converting Colors

YIQ(106.7140, 81.0420,
106.2100)

Have a look what the booklet for
YIQ(106.7140, 81.0420, 106.2100)
contains.

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Color

**YIQ(106.7140, 81.0420,
106.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	FA10C6
RGB	250, 16, 198
RGB Percent	98%, 6%, 78%
CMY	0.0189, 0.9375, 0.2233
CMYK	0.00, 0.94, 0.21, 0.02
HSL	313°, 96%, 52%
HSV	313°, 94%, 98%
XYZ	49.8678, 24.8026, 55.6130
YIQ	106.7140, 81.0420, 106.2100

Conversions

Conversions Part 2

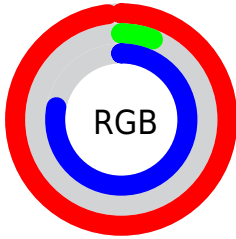
Format	Color
R _Y B	250, 16, 198
Decimal	16388294
CIE _{Lab}	56.88, 89.12, -34.21
CIE _{LCh}	57, 95.463, 339.000
Yxy	24.8026, 0.3828, 0.1904
Android (android.graphics.Color)	4294578374 (0xFFFA10C6)
YUV	106.7140, 45.0040, 125.6618
Hunter-Lab	49.8022, 91.5812, -31.3462

Details

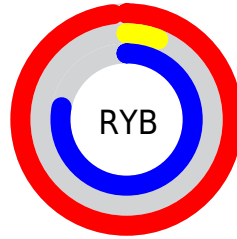
The YIQ color **106.7140, 81.0420, 106.2100** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **159.2860, -81.0420, -106.2100**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **166.9500, 41.2500, 78.4500**, and **72.6280, 65.8240, 84.6400** is the 20% darker color. If you saturate the color by 10%, you get **96.8660, 86.7260, 113.3340**, and if you desaturate by 10%, it is **122.0730, 72.2410, 95.0010**.

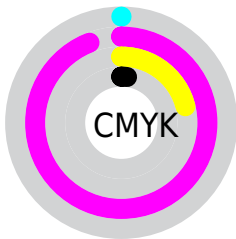
Distribution



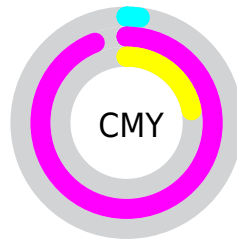
- Red (98%)
- Green (6%)
- Blue (78%)



- Red (98%)
- Yellow (6%)
- Blue (78%)



- Cyan (0%)
- Magenta (94%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (94%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.7140, 81.0420, 106.2100 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 106.7140, 81.0420, 106.2100 by changing the saturation by 10% instead.


 106.7140, 81.0420,
106.2100


 106.7140, 81.0420,
106.2100


255.0000, -0.0000,
-0.0000


 84.9750, 75.6330,
99.6090


 166.9500, 41.2500,
78.4500


 72.9270, 66.4200,
84.8520


 185.7340, 32.4500,
61.7140

 60.6940, 56.2900,
70.1940


 203.9310, 23.9250,
45.5010

 48.8740, 46.4350,
56.0590

 222.1280, 15.4000,
29.2880

 37.4670, 36.8550,
42.4470

 239.7380, 7.1500,
13.5980

 26.4730, 27.5500,
29.3580

 14.9950, 16.7320,

16.1560

■ 0.0000, 0.0000,
0.0000

■ 106.7140, 81.0420,
106.2100

■ 106.7140, 81.0420,
106.2100

■ 96.8660, 86.7260,
113.3340

■ 122.0730, 72.2410,
95.0010

■ 137.3180, 63.7610,
83.4810

■ 152.6770, 54.9600,
72.2720

■ 167.9220, 46.4800,
60.7520

■ 183.2810, 37.6790,
49.5430

■ 198.5260, 29.1990,
38.0230

■ 213.8850, 20.3980,
26.8140

■ 229.2440, 11.5970,
15.6050

■ 244.4890, 3.1170,
4.0850

Harmonies

Analogous

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



135.9200, -11.9320, 62.0840



106.7140, 81.0420, 106.2100



89.4690, 114.7440, 90.1360

Triad

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



106.7140, 81.0420, 106.2100



125.8230, 47.0490, -43.2150



127.2640, -124.1110, -13.9590

Complementary

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



106.7140, 81.0420, 106.2100



159.2860, -81.0420, -106.2100

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.



118.0300, -98.1100, -39.1500



106.7140, 81.0420, 106.2100



102.6020, -25.2490, -76.5850

Square

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



106.7140, 81.0420, 106.2100



127.3710, 96.3770, -12.0630



106.2370, -69.0370, -64.9490



124.1640, -126.4050, -5.4210

Rectangle

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



106.7140, 81.0420, 106.2100



92.1180, 127.9530, 65.4970



106.2370, -69.0370, -64.9490



124.4140, -116.0860, -21.7340

Sweetspot

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



106.7140, 81.0420, 106.2100



211.4990, 24.6610, 32.1570



57.9250, -44.7180, 83.5860



101.0320, 15.3100, 19.9020



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.



106.7140, 81.0420, 106.2100



98.8170, 88.4220, 115.6380



93.4900, 118.2780, 70.1340



117.0270, 4.5380, 5.8660



73.2690, 65.4570, 85.7850



23.7110, 20.9480, 27.8600

Inverse Universe

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



106.7140, 81.0420, 106.2100



98.8170, 88.4220, 115.6380



172.5100, -118.2780, -70.1340



117.0270, 4.5380, 5.8660



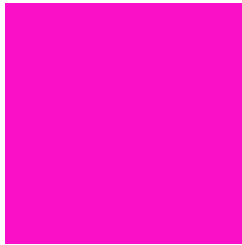
73.2690, 65.4570, 85.7850



23.7110, 20.9480, 27.8600

Previews

White Background



This preview shows how the YIQ color 106.7140, 81.0420, 106.2100 looks on a white background.

Color Contrast Check

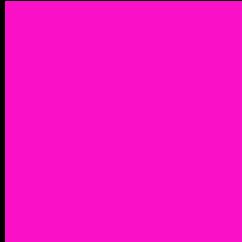
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.7140, 81.0420, 106.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

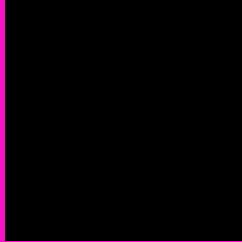
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 106.7140, 81.0420, 106.2100

Background



This preview shows how black text looks on a background with the YIQ color 106.7140, 81.0420, 106.2100.



This preview shows how white text looks on a background with the YIQ color 106.7140, 81.0420,

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

106.7140, 81.0420, 106.2100

Protanopia

128.9680, -74.9220, 25.2220

Deuteranopia

137.2260, -23.5230, 13.3170



Tritanopia

127.8940, 95.2680, 35.5880

Trichromacy



Original Color

106.7140, 81.0420, 106.2100



Protanomaly

120.4690, -18.2120, 54.7480



Deuteranomaly

126.1950, 14.4340, 46.8020



Tritanomaly

120.0780, 89.8990, 61.3150

Monochromacy



Original Color

106.7140, 81.0420, 106.2100



Achromatopsia

107.0000, -0.0000, 0.0000



Achromatomaly

106.9390, 29.4740, 38.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7140, 81.0420, 106.2100 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(250, 16, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 16, 198)  
}
```

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(250, 16, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 16, 198) }
```

Border

The CSS property to change the border of an element to YIQ 106.7140, 81.0420, 106.2100 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(250, 16, 198) }
```


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

```
.border{ border-color:rgb(250, 16, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 16, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 16, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 16, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 16,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7140, 81.0420, 106.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 16, 198) }
```

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

```
.background{ background-color: rgb(250, 16,  
198) }
```

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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