

Converting Colors

YIQ(196.3070, 25.6220, 42.2780)

Have a look what the booklet for
YIQ(196.3070, 25.6220, 42.2780)
contains.

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Color

**YIQ(196.3070, 25.6220,
42.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A2F0
RGB	247, 162, 240
RGB Percent	97%, 64%, 94%
CMY	0.0311, 0.3648, 0.0588
CMYK	0.00, 0.34, 0.03, 0.03
HSL	305°, 84%, 80%
HSV	305°, 34%, 97%
XYZ	67.0241, 51.9058, 88.9325
YIQ	196.3070, 25.6220, 42.2780

Conversions

Conversions Part 2

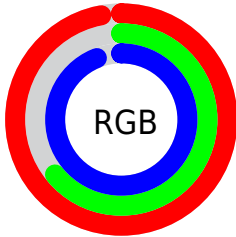
Format	Color
RYB	247, 162, 240
Decimal	16229104
CIELab	77.22, 43.21, -26.22
CIElCh	77, 50.545, 328.752
Yxy	51.9058, 0.3224, 0.2497
Android (android.graphics.Color)	4294419184 (0xFFFF7A2F0)
YUV	196.3070, 21.5406, 44.4578
Hunter-Lab	72.0457, 39.9786, -22.7550

Details

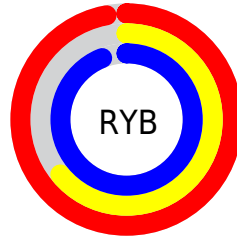
The YIQ color **196.3070, 25.6220, 42.2780** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.6930, -25.6220, -42.2780**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.2810, 10.1750, 19.3510**, and **141.4700, 23.6050, 40.2850** is the 20% darker color. If you saturate the color by 10%, you get **181.4040, 33.1390, 54.7310**, and if you desaturate by 10%, it is **211.2100, 18.1050, 29.8250**.

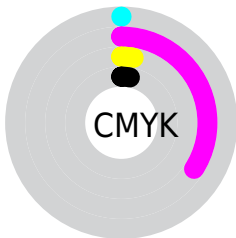
Distribution



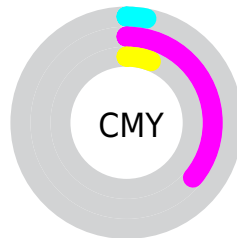
- Red (97%)
- Green (64%)
- Blue (94%)



- Red (97%)
- Yellow (64%)
- Blue (94%)



- Cyan (0%)
- Magenta (34%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.3070, 25.6220, 42.2780 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 196.3070, 25.6220, 42.2780 by changing the saturation by 10% instead.

 196.3070, 25.6220,
42.2780

 196.3070, 25.6220,
42.2780

255.0000, -0.0000,
-0.0000


 168.5950, 24.7510,
41.5430


 233.2810, 10.1750,
19.3510


 141.4700, 23.6050,
40.2850

 250.3040, 2.2000,
4.1840

 114.7580, 22.7340,
39.5500

 88.4590, 22.1380,
39.3380

 62.4590, 22.1380,
39.3380

 33.7520, 22.8710,
42.5750

 23.5410, 15.6750,

29.8110

■ 14.5690, 9.3040,
18.6160

■ 1.1400, -3.2100,
3.1100

■ 196.3070, 25.6220,
42.2780

■ 196.3070, 25.6220,
42.2780

■ 181.4040, 33.1390,
54.7310

■ 211.2100, 18.1050,
29.8250

■ 167.0880, 40.3810,
66.6610

■ 225.5260, 10.8630,
17.8950

■ 152.1850, 47.8980,
79.1140

■ 240.4290, 3.3460,
5.4420

■ 137.2820, 55.4150,
91.5670

■ 251.8100, -2.5210,
-3.8730

122.3790, 62.9320,
104.0200

252.0380, -3.1630,
-3.2510

108.0630, 70.1740,
115.9500

252.2660, -3.8050,
-2.6290

99.7310, 74.3450,
122.9610

252.4940, -4.4470,
-2.0070

252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



191.2520, -17.2440, 26.1800



196.3070, 25.6220, 42.2780



187.6990, 47.5850, 35.2090

Triad

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



196.3070, 25.6220, 42.2780



186.6780, 49.7960, -21.4040



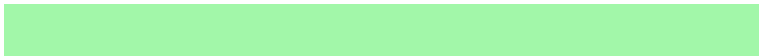
152.2940, -133.9640, -39.1480

Complementary

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



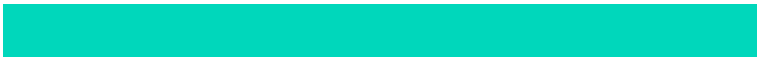
196.3070, 25.6220, 42.2780



212.6930, -25.6220, -42.2780

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.



147.5230, -119.1520, -54.2880



196.3070, 25.6220, 42.2780



182.0970, 14.4030, -35.2690

Square

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



196.3070, 25.6220, 42.2780



189.3900, 69.0030, -0.5410



173.9140, -33.5540, -41.6980



151.1660, -139.0550, -29.4790

Rectangle

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



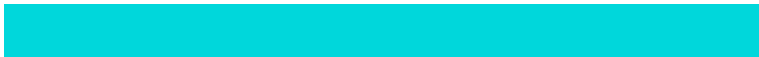
196.3070, 25.6220, 42.2780



184.6380, 57.5820, 24.7340



173.9140, -33.5540, -41.6980



151.1710, -129.4240, -44.3360

Sweetspot

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



196.3070, 25.6220, 42.2780



240.0970, 7.5170, 12.4530



173.4840, -23.7090, 27.7070



118.3800, 5.0420, 7.7460



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.



196.3070, 25.6220, 42.2780



192.3390, 31.7640, 52.1160



191.6330, 38.7830, 29.5270



114.8420, 3.6210, 5.9650



75.1080, 55.9650, 92.6130



23.7970, 17.8300, 29.3020

Inverse Universe

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



196.3070, 25.6220, 42.2780



192.3390, 31.7640, 52.1160



217.3670, -38.7830, -29.5270



114.8420, 3.6210, 5.9650



75.1080, 55.9650, 92.6130



23.7970, 17.8300, 29.3020

Previews

White Background



This preview shows how the YIQ color 196.3070, 25.6220, 42.2780 looks on a white background.

Color Contrast Check

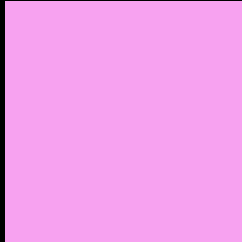
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 196.3070, 25.6220, 42.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

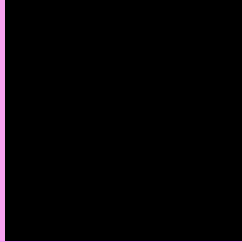
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.3070, 25.6220, 42.2780

Background



This preview shows how black text looks on a background with the YIQ color 196.3070, 25.6220, 42.2780.



This preview shows how white text looks on a background with the YIQ color 196.3070, 25.6220,

42.2780.

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

196.3070, 25.6220, 42.2780

Protanopia

191.4410, -31.3180, 16.9220

Deuteranopia

192.4720, -15.4080, 14.9280



Tritanopia

194.5150, 35.7590, 18.2470

Trichromacy



Original Color

196.3070, 25.6220, 42.2780



Protanomaly

193.0740, -10.8710, 26.3210



Deuteranomaly

193.9950, -0.4630, 24.9210



Tritanomaly

195.3440, 32.2270, 27.1950

Monochromacy



Original Color

196.3070, 25.6220, 42.2780



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.4610, 9.4880, 15.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.3070, 25.6220, 42.2780 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(247, 162, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 162, 240)  
}
```

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(247, 162, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 162, 240) }
```

Border

The CSS property to change the border of an element to YIQ 196.3070, 25.6220, 42.2780 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(247, 162, 240) }
```


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

```
.border{ border-color:rgb(247, 162, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 162, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 162, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 162, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 162,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 196.3070, 25.6220, 42.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 162, 240) }
```

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

```
.background{ background-color: rgb(247,  
162, 240) }
```

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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