

Converting Colors

YIQ(112.6240, 106.0370,
66.2050)

Have a look what the booklet for
YIQ(112.6240, 106.0370, 66.2050)
contains.

YIQ(112.6240, 106.0370, 66.2050)	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(112.6240, 106.0370,
66.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	FF296C
RGB	255, 41, 108
RGB Percent	100%, 16%, 42%
CMY	0.0000, 0.8395, 0.5761
CMYK	0.00, 0.84, 0.58, 0.00
HSL	341°, 100%, 58%
HSV	341°, 84%, 100%
XYZ	44.7416, 23.9244, 16.4733
YIQ	112.6240, 106.0370, 66.2050

Conversions

Conversions Part 2

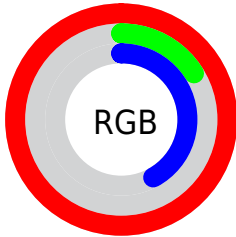
Format	Color
R_{YB}	255, 41, 108
Decimal	16722284
CIE _{Lab}	56.01, 78.55, 17.59
CIE _{LCh}	56, 80.499, 12.620
Yxy	23.9244, 0.5255, 0.2810
Android (android.graphics.Color)	4294912364 (0xFFFF296C)
YUV	112.6240, -2.2796, 124.8638
Hunter-Lab	48.9126, 77.6817, 14.2704

Details

The YIQ color **112.6240, 106.0370, 66.2050** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **183.3760, -106.0370, -66.2050**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1150, 70.1410, 44.9330**, and **64.0630, 94.2550, 59.4630** is the 20% darker color. If you saturate the color by 10%, you get **95.4240, 118.6440, 74.5160**, and if you desaturate by 10%, it is **129.3510, 93.3840, 58.7280**.

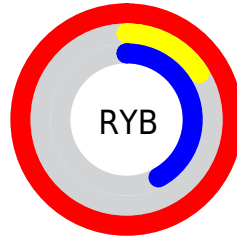
Distribution



Red (100%)

Green (16%)

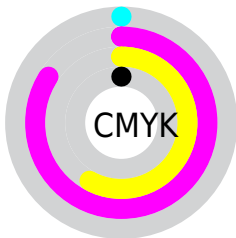
Blue (42%)



Red (100%)

Yellow (16%)

Blue (42%)

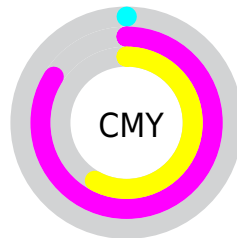


Cyan (0%)

Magenta (84%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.6240, 106.0370, 66.2050 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 112.6240, 106.0370, 66.2050 by changing the saturation by 10% instead.


 112.6240,
106.0370, 66.2050

 112.6240,
106.0370, 66.2050


255.0000, -0.0000,
-0.0000


 76.2530, 105.9440,
73.4000


 160.1150, 70.1410,
44.9330


 64.0630, 94.2550,
59.4630


 181.3900, 52.9490,
37.1170


 52.1010, 81.9240,
46.1480


 202.1920, 35.7110,
30.1350

 40.6660, 69.5470,
33.6670

 222.9940, 18.4730,
23.1530

 29.3450, 56.8490,
21.4970

 242.0860, 6.0500,
11.5060

 20.0760, 38.3730,
14.9250

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 112.6240,
106.0370, 66.2050

■ 112.6240,
106.0370, 66.2050

■ 95.4240, 118.6440,
74.5160

■ 129.3510, 93.3840,
58.7280

■ 85.3650, 126.3000,
78.9400

■ 146.5510, 80.7770,
50.4170

■ 163.2780, 68.1240,
42.9400

■ 180.4780, 55.5170,
34.6290

■ 197.2050, 42.8640,
27.1520

■ 214.4050, 30.2570,
18.8410

■ 231.1320, 17.6040,
11.3640

■ 248.3320, 4.9970,
3.0530

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



123.7280, 68.1180, 76.1020



112.6240, 106.0370, 66.2050



122.0950, 107.2830, 21.5790

Triad

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



112.6240, 106.0370, 66.2050



104.4400, -15.8050, -71.5250



119.4680, -124.2050, -1.2370

Complementary

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



112.6240, 106.0370, 66.2050



183.3760, -106.0370, -66.2050

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.



121.6730, -118.0130, -14.3410



112.6240, 106.0370, 66.2050



105.2400, -73.1190, -57.0470

Square

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



112.6240, 106.0370, 66.2050



123.4310, 42.2810, -44.9110



114.8500, -97.4230, -35.0790



107.1410, -118.4300, 9.7460

Rectangle

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



112.6240, 106.0370, 66.2050



125.0230, 97.4770, -9.9710



114.8500, -97.4230, -35.0790



121.8160, -125.3050, -3.3290

Sweetspot

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



112.6240, 106.0370, 66.2050



212.4160, 31.7240, 19.7880



109.0500, 18.3220, 97.5060



102.0290, 19.3920, 12.0000



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.



112.6240, 106.0370, 66.2050



85.3650, 126.3000, 78.9400



127.8790, 116.8190, 24.9710



119.3430, 6.4640, 4.0000



63.9490, 94.5760, 59.1520



21.4160, 31.7240, 19.7880

Inverse Universe

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



112.6240, 106.0370, 66.2050



85.3650, 126.3000, 78.9400



168.1210, -116.8190, -24.9710



119.3430, 6.4640, 4.0000



63.9490, 94.5760, 59.1520



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 112.6240, 106.0370, 66.2050 looks on a white background.

Color Contrast Check

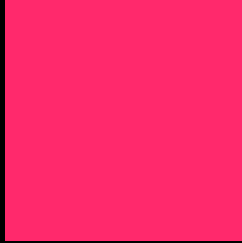
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6240, 106.0370, 66.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

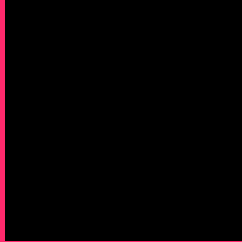
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.6240, 106.0370, 66.2050

Background



This preview shows how black text looks on a background with the YIQ color 112.6240, 106.0370, 66.2050.



This preview shows how white text looks on a background with the YIQ color 112.6240, 106.0370, 66.2050.

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

112.6240, 106.0370, 66.2050

Protanopia

135.3400, -6.6490, 4.8630

Deuteranopia

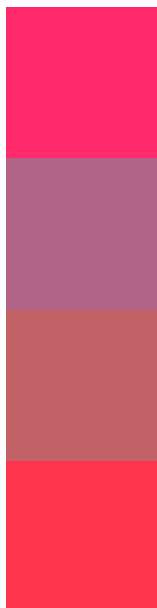
134.4360, 27.8310, -3.2810



Tritanopia

115.0170, 117.0910, 42.0750

Trichromacy



Original Color

112.6240, 106.0370, 66.2050

Protanomaly

127.0130, 34.6570, 27.2090

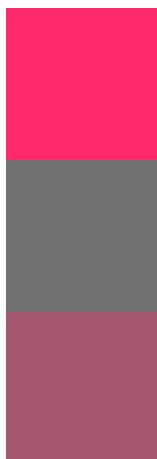
Deuteranomaly

126.5730, 56.2070, 22.1190

Tritanomaly

114.5470, 112.9630, 50.8110

Monochromacy



Original Color

112.6240, 106.0370, 66.2050

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.0580, 38.7840, 24.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6240, 106.0370, 66.2050 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(255, 41, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 108)  
}
```

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(255, 41, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 108) }
```

Border

The CSS property to change the border of an element to YIQ 112.6240, 106.0370, 66.2050 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(255, 41, 108) }
```


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

```
.border{ border-color:rgb(255, 41, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6240, 106.0370, 66.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 108) }
```

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

```
.background{ background-color: rgb(255, 41,  
108) }
```

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