

Converting Colors

YIQ(166.9720, 52.2110, 61.5150)

Have a look what the booklet for
YIQ(166.9720, 52.2110, 61.5150)
contains.

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Color

**YIQ(166.9720, 52.2110,
61.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	FF71D6
RGB	255, 113, 214
RGB Percent	100%, 44%, 84%
CMY	0.0000, 0.5571, 0.1607
CMYK	0.00, 0.56, 0.16, 0.00
HSL	317°, 100%, 72%
HSV	317°, 56%, 100%
XYZ	59.2803, 37.9137, 67.8340
YIQ	166.9720, 52.2110, 61.5150

Conversions

Conversions Part 2

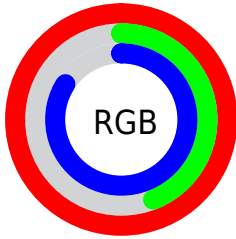
Format	Color
R _Y B	255, 113, 214
Decimal	16740822
CIE Lab	67.96, 65.31, -26.06
CIE LCh	68, 70.320, 338.247
Yxy	37.9137, 0.3592, 0.2297
Android (android.graphics.Color)	4294930902 (0xFFFF71D6)
YUV	166.9720, 23.1848, 77.2006
Hunter-Lab	61.5741, 64.0956, -22.2158

Details

The YIQ color **166.9720, 52.2110, 61.5150** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **201.0280, -52.2110, -61.5150**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.1050, 23.3750, 44.4550**, and **108.1290, 50.3310, 62.5470** is the 20% darker color. If you saturate the color by 10%, you get **150.9120, 61.6080, 72.9360**, and if you desaturate by 10%, it is **182.4450, 43.0890, 50.6170**.

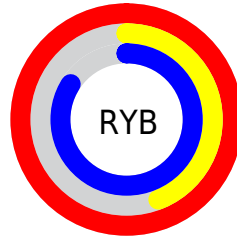
Distribution



Red (100%)

Green (44%)

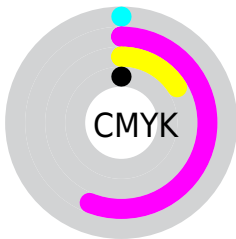
Blue (84%)



Red (100%)

Yellow (44%)

Blue (84%)

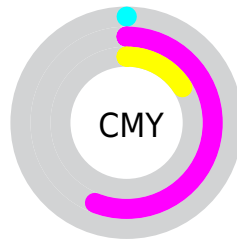


Cyan (0%)

Magenta (56%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (56%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.9720, 52.2110, 61.5150 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 166.9720, 52.2110, 61.5150 by changing the saturation by 10% instead.


 166.9720, 52.2110,
61.5150


 166.9720, 52.2110,
61.5150


255.0000, -0.0000,
-0.0000


 137.7870, 51.2940,
61.6140

 205.1050, 23.3750,
44.4550


 108.1290, 50.3310,
62.5470


 222.1280, 15.4000,
29.2880

 71.8400, 52.9430,
70.2790

 239.1510, 7.4250,
14.1210

 53.4600, 47.9010,
62.5330

 42.0530, 38.3210,
48.9210

 31.2440, 29.9330,
35.7330

 21.0760, 21.1780,

23.6900

■ 8.3590, 9.5350,
8.9190

■ 0.0000, 0.0000,
0.0000

■ 166.9720, 52.2110,
61.5150

■ 166.9720, 52.2110,
61.5150

■ 150.9120, 61.6080,
72.9360

■ 182.4450, 43.0890,
50.6170

■ 135.3250, 71.0510,
83.5230

■ 198.6190, 33.3710,
39.5070

■ 119.2650, 80.4480,
94.9440

■ 214.0920, 24.2490,
28.6090

■ 103.7920, 89.5700,
105.8420

■ 230.1520, 14.8520,
17.1880

■ 96.8790, 93.8790,
110.3510

■ 245.7390, 5.4090,
6.6010

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.



168.6470, -7.3900, 45.8420



166.9720, 52.2110, 61.5150



153.3330, 75.4590, 47.6750

Triad

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



166.9720, 52.2110, 61.5150



153.5330, 59.4290, -47.3150



141.5800, -131.3530, -25.8890

Complementary

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



166.9720, 52.2110, 61.5150



201.0280, -52.2110, -61.5150

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.



135.2130, -112.0470, -45.3830



166.9720, 52.2110, 61.5150



147.8800, -1.8240, -55.0720

Square

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



166.9720, 52.2110, 61.5150



159.4130, 87.3910, -14.4090



125.9280, -90.0360, -64.3400



137.6650, -132.7300, -17.4500

Rectangle

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



166.9720, 52.2110, 61.5150



153.8280, 86.4660, 29.9060



125.9280, -90.0360, -64.3400



140.0010, -125.5290, -32.3210

Sweetspot

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



166.9720, 52.2110, 61.5150



228.2770, 15.9980, 18.4460



141.1480, -21.7420, 52.6420



111.8260, 9.7180, 11.1100



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.



166.9720, 52.2110, 61.5150



149.0370, 62.7540, 74.1940



158.9920, 74.6810, 39.7450



119.9130, 4.8590, 5.5550



72.6130, 70.1800, 82.7880



24.2660, 23.6990, 27.5630

Inverse Universe

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



166.9720, 52.2110, 61.5150



149.0370, 62.7540, 74.1940



209.0080, -74.6810, -39.7450



119.9130, 4.8590, 5.5550



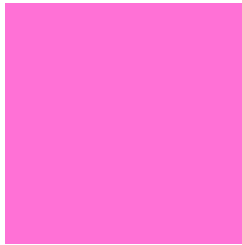
72.6130, 70.1800, 82.7880



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 166.9720, 52.2110, 61.5150 looks on a white background.

Color Contrast Check

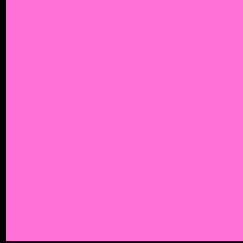
Large Text (above 18pt) WCAG AA × Fail

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 166.9720, 52.2110, 61.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

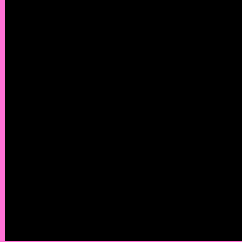
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.9720, 52.2110, 61.5150

Background



This preview shows how black text looks on a background with the YIQ color 166.9720, 52.2110, 61.5150.



This preview shows how white text looks on a background with the YIQ color 166.9720, 52.2110,

61.5150.

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

166.9720, 52.2110, 61.5150

Protanopia

164.5890, -46.1740, 21.8420

Deuteranopia

167.6030, -14.3990, 13.1610



Tritanopia

166.1230, 66.5220, 27.9140

Trichromacy



Original Color

166.9720, 52.2110, 61.5150



Protanomaly

165.5830, -10.5060, 36.2300



Deuteranomaly

167.5450, 9.8520, 30.7160



Tritanomaly

166.5760, 61.2930, 40.0850

Monochromacy



Original Color

166.9720, 52.2110, 61.5150



Achromatopsia

167.0000, -0.0000, -0.0000



Achromatomaly

166.7660, 19.1150, 22.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.9720, 52.2110, 61.5150 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, 113, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 214)  
}
```

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, 113, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 214) }
```

Border

The CSS property to change the border of an element to YIQ 166.9720, 52.2110, 61.5150 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, 113, 214) }
```


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

```
.border{ border-color:rgb(255, 113, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 166.9720, 52.2110, 61.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 214) }
```

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

```
.background{ background-color: rgb(255,  
113, 214) }
```

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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