

Converting Colors

YIQ(158.7200, 53.4010, 72.9930)

Have a look what the booklet for
YIQ(158.7200, 53.4010, 72.9930)
contains.

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Color

**YIQ(158.7200, 53.4010,
72.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	FF61E0
RGB	255, 97, 224
RGB Percent	100%, 38%, 88%
CMY	0.0000, 0.6198, 0.1215
CMYK	0.00, 0.62, 0.12, 0.00
HSL	312°, 100%, 69%
HSV	312°, 62%, 100%
XYZ	58.9671, 35.1806, 74.2242
YIQ	158.7200, 53.4010, 72.9930

Conversions

Conversions Part 2

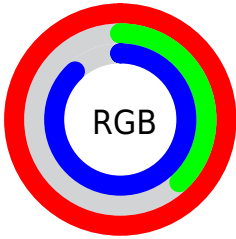
Format	Color
R _Y B	255, 97, 224
Decimal	16736736
CIE Lab	65.89, 73.47, -34.83
CIE LCh	66, 81.310, 334.636
Yxy	35.1806, 0.3502, 0.2089
Android (android.graphics.Color)	4294926816 (0xFFFF61E0)
YUV	158.7200, 32.1830, 84.4376
Hunter-Lab	59.3132, 73.6602, -32.6759

Details

The YIQ color **158.7200, 53.4010, 72.9930** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **193.2800, -53.4010, -72.9930**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8870, 27.2250, 51.7770**, and **93.3060, 54.8670, 79.4670** is the 20% darker color. If you saturate the color by 10%, you get **142.8880, 62.1560, 85.0360**, and if you desaturate by 10%, it is **173.9650, 44.9210, 61.4730**.

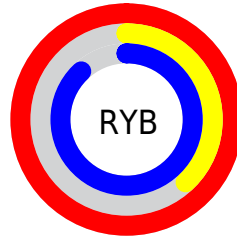
Distribution



Red (100%)

Green (38%)

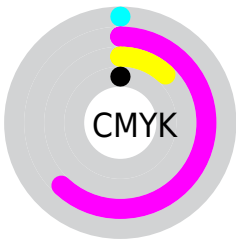
Blue (88%)



Red (100%)

Yellow (38%)

Blue (88%)

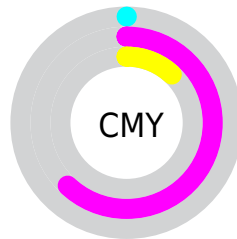


Cyan (0%)

Magenta (62%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.7200, 53.4010, 72.9930 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 158.7200, 53.4010, 72.9930 by changing the saturation by 10% instead.


 158.7200, 53.4010,
72.9930


 158.7200, 53.4010,
72.9930


255.0000, -0.0000,
-0.0000


 128.3610, 53.0340,
74.1380


 196.8870, 27.2250,
51.7770


 93.3060, 54.8670,
79.4670


 213.9100, 19.2500,
36.6100


 65.5230, 52.7580,
79.1420

 231.5200, 11.0000,
20.9200

 54.1870, 44.4160,
65.1200

 249.1300, 2.7500,
5.2300

 42.6660, 35.1570,
51.1970

 31.5580, 26.1730,
37.7970

 21.1620, 18.0600,

25.1320

■ 8.1890, 4.2620,
10.8700

■ 0.0000, 0.0000,
0.0000

■ 158.7200, 53.4010,
72.9930

■ 158.7200, 53.4010,
72.9930

■ 142.8880, 62.1560,
85.0360

■ 173.9650, 44.9210,
61.4730

■ 127.6430, 70.6360,
96.5560

■ 189.7970, 36.1660,
49.4300

■ 111.8110, 79.3910,
108.5990

■ 205.0420, 27.6860,
37.9100

■ 99.6150, 86.1750,
117.8150

■ 220.8740, 18.9310,
25.8670

236.1190, 10.4510,
14.3470

251.9510, 1.6960,
2.3040

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.



159.7430, -16.4680, 45.1640



158.7200, 53.4010, 72.9930



138.1850, 82.2880, 61.5840

Triad

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



158.7200, 53.4010, 72.9930



148.9250, 64.1970, -45.6190



140.2920, -130.4820, -25.1540

Complementary

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



158.7200, 53.4010, 72.9930



193.2800, -53.4010, -72.9930

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.



132.0840, -107.3700, -47.5460



158.7200, 53.4010, 72.9930



136.4680, 13.3550, -71.3570

Square

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



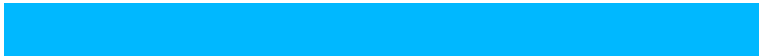
158.7200, 53.4010, 72.9930



149.2440, 106.7400, -18.1560



120.9580, -81.5530, -69.4010



137.0780, -132.4550, -16.9270

Rectangle

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



158.7200, 53.4010, 72.9930



138.5830, 94.9460, 41.4260



120.9580, -81.5530, -69.4010



137.6700, -123.0990, -32.3070

Sweetspot

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



158.7200, 53.4010, 72.9930



225.7980, 16.0890, 22.3050



123.6830, -33.4340, 55.2860



109.7060, 10.1760, 13.8240



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.



158.7200, 53.4010, 72.9930



139.8390, 63.8520, 87.3400



149.9420, 78.1180, 49.0460



120.0270, 4.5380, 5.8660



74.6650, 64.4020, 88.3860



24.9500, 21.7730, 29.4290

Inverse Universe

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



158.7200, 53.4010, 72.9930



139.8390, 63.8520, 87.3400



202.0580, -78.1180, -49.0460



120.0270, 4.5380, 5.8660



74.6650, 64.4020, 88.3860



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 158.7200, 53.4010, 72.9930 looks on a white background.

Color Contrast Check

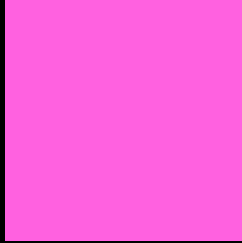
Large Text (above 18pt) WCAG AA × Fail

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 158.7200, 53.4010, 72.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

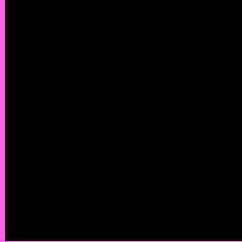
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.7200, 53.4010, 72.9930

Background



This preview shows how black text looks on a background with the YIQ color 158.7200, 53.4010, 72.9930.



This preview shows how white text looks on a background with the YIQ color 158.7200, 53.4010,

72.9930.

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

158.7200, 53.4010, 72.9930

Protanopia

157.7070, -52.3180, 23.0580

Deuteranopia

160.7960, -25.1280, 14.8720



Tritanopia

159.8030, 70.4190, 28.8750

Trichromacy



Original Color

158.7200, 53.4010, 72.9930



Protanomaly

157.8910, -14.1290, 41.3190



Deuteranomaly

160.2980, 3.4780, 36.1020



Tritanomaly

159.5920, 64.3640, 45.0040

Monochromacy



Original Color

158.7200, 53.4010, 72.9930



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.7000, 19.4810, 26.9130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.7200, 53.4010, 72.9930 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, 97, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 224)  
}
```

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, 97, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 224) }
```

Border

The CSS property to change the border of an element to YIQ 158.7200, 53.4010, 72.9930 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, 97, 224) }
```


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

```
.border{ border-color:rgb(255, 97, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 97, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 158.7200, 53.4010, 72.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 224) }
```

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

```
.background{ background-color: rgb(255, 97,  
224) }
```

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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