

Converting Colors

YIQ(149.1170, 59.7730, 78.6610)

Have a look what the booklet for
YIQ(149.1170, 59.7730, 78.6610)
contains.

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Color

**YIQ(149.1170, 59.7730,
78.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52D9
RGB	255, 82, 217
RGB Percent	100%, 32%, 85%
CMY	0.0000, 0.6787, 0.1489
CMYK	0.00, 0.68, 0.15, 0.00
HSL	313°, 100%, 66%
HSV	313°, 68%, 100%
XYZ	56.7806, 32.2952, 68.9096
YIQ	149.1170, 59.7730, 78.6610

Conversions

Conversions Part 2

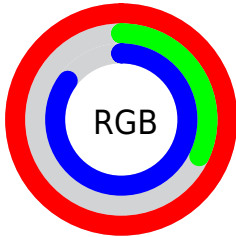
Format	Color
R _{YB}	255, 82, 217
Decimal	16732889
CIE _{Lab}	63.59, 78.06, -34.50
CIE _{LCh}	64, 85.344, 336.159
Y _{xy}	32.2952, 0.3594, 0.2044
Android (android.graphics.Color)	4294922969 (0xFFFF52D9)
YUV	149.1170, 33.4663, 92.8594
Hunter-Lab	56.8289, 78.8980, -32.1138

Details

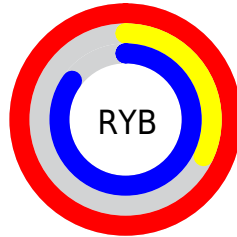
The YIQ color **149.1170, 59.7730, 78.6610** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **187.8830, -59.7730, -78.6610**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **189.2560, 30.8000, 58.5760**, and **76.4740, 63.6220, 91.5100** is the 20% darker color. If you saturate the color by 10%, you get **133.1710, 68.8490, 90.3930**, and if you desaturate by 10%, it is **164.4760, 50.9720, 67.4520**.

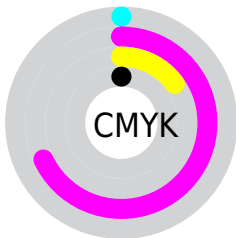
Distribution



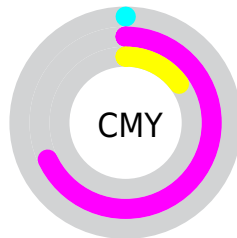
- Red (100%)
- Green (32%)
- Blue (85%)



- Red (100%)
- Yellow (32%)
- Blue (85%)



- Cyan (0%)
- Magenta (68%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.1170, 59.7730, 78.6610 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 149.1170, 59.7730, 78.6610 by changing the saturation by 10% instead.

 149.1170, 59.7730,
78.6610


 149.1170, 59.7730,
78.6610


255.0000, -0.0000,
-0.0000


 115.5240, 60.1850,
82.2090


 189.2560, 30.8000,
58.5760


 76.4740, 63.6220,
91.5100


 206.8660, 22.5500,
42.8860


 64.7250, 55.0050,
76.9650

 223.8890, 14.5750,
27.7190

 53.2040, 45.7460,
63.0420

 242.0860, 6.0500,
11.5060

 41.6830, 36.4870,
49.1190

 30.5750, 27.5030,
35.7190

 19.5810, 18.1980,

22.6300

■ 5.2980, 2.3370,
7.2090

■ 0.0000, 0.0000,
0.0000

■ 149.1170, 59.7730,
78.6610

■ 149.1170, 59.7730,
78.6610

■ 133.1710, 68.8490,
90.3930

■ 164.4760, 50.9720,
67.4520

■ 117.9260, 77.3290,
101.9130

■ 180.3080, 42.2170,
55.4090

■ 101.9800, 86.4050,
113.6450

■ 195.6670, 33.4160,
44.2000

■ 98.9310, 88.1010,
115.9490

■ 211.4990, 24.6610,
32.1570

■ 226.8580, 15.8600,
20.9480

■ 242.8040, 6.7840,
9.2160

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.



153.5740, -14.3140, 50.1820



149.1170, 59.7730, 78.6610



125.8920, 90.7230, 68.4110

Triad

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



149.1170, 59.7730, 78.6610



143.0000, 59.6120, -45.1240



136.8840, -129.1530, -21.7050

Complementary

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



149.1170, 59.7730, 78.6610



187.8830, -59.7730, -78.6610

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.



128.9210, -105.3530, -45.5530



149.1170, 59.7730, 78.6610



128.7490, 5.1940, -72.1340

Square

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



149.1170, 59.7730, 78.6610



144.2160, 103.9430, -17.0250



117.4530, -78.5730, -68.3410



133.5560, -130.8050, -13.7890

Rectangle

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



149.1170, 59.7730, 78.6610



129.5840, 102.3730, 44.4930



117.4530, -78.5730, -68.3410



134.7350, -121.7240, -29.6920

Sweetspot

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



149.1170, 59.7730, 78.6610



223.8090, 17.5560, 23.2520



112.7850, -33.4810, 61.6470



109.0050, 10.7720, 14.0360



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.



149.1170, 59.7730, 78.6610



128.3610, 71.3700, 94.2660



139.3130, 87.3790, 51.9150



120.0270, 4.5380, 5.8660



74.0950, 66.0070, 86.8310



24.8360, 22.0940, 29.1180

Inverse Universe

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



149.1170, 59.7730, 78.6610



128.3610, 71.3700, 94.2660



197.6870, -87.3790, -51.9150



120.0270, 4.5380, 5.8660



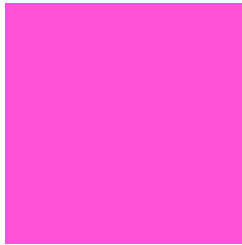
74.0950, 66.0070, 86.8310



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 149.1170, 59.7730, 78.6610 looks on a white background.

Color Contrast Check

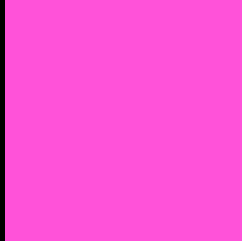
Large Text (above 18pt) WCAG AA × Fail

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 149.1170, 59.7730, 78.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

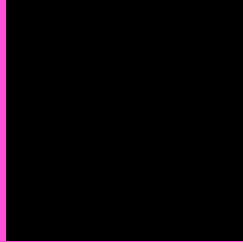
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.1170, 59.7730, 78.6610

Background



This preview shows how black text looks on a background with the YIQ color 149.1170, 59.7730, 78.6610.



This preview shows how white text looks on a background with the YIQ color 149.1170, 59.7730,

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

149.1170, 59.7730, 78.6610

Protanopia

150.8960, -57.2240, 23.8640

Deuteranopia

154.6820, -24.8070, 14.5610



Tritanopia

151.8640, 77.6170, 30.5850

Trichromacy



Original Color

149.1170, 59.7730, 78.6610



Protanomaly

150.1730, -14.8630, 43.6090



Deuteranomaly

153.0210, 5.8160, 37.7840



Tritanomaly

150.7070, 71.4700, 48.3820

Monochromacy



Original Color

149.1170, 59.7730, 78.6610



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

149.4230, 21.8190, 28.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1170, 59.7730, 78.6610 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, 82, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 217)  
}
```

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, 82, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 217) }
```

Border

The CSS property to change the border of an element to YIQ 149.1170, 59.7730, 78.6610 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, 82, 217) }
```


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

```
.border{ border-color:rgb(255, 82, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 82, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1170, 59.7730, 78.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 217) }
```

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

```
.background{ background-color: rgb(255, 82,  
217) }
```

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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