

Converting Colors

YIQ(176.6120, 35.2490, 49.5290)

Have a look what the booklet for
YIQ(176.6120, 35.2490, 49.5290)
contains.

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Color

**YIQ(176.6120, 35.2490,
49.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	F187DE
RGB	241, 135, 222
RGB Percent	95%, 53%, 87%
CMY	0.0546, 0.4707, 0.1293
CMYK	0.00, 0.44, 0.08, 0.05
HSL	311°, 79%, 74%
HSV	311°, 44%, 95%
XYZ	58.1474, 41.3050, 74.0282
YIQ	176.6120, 35.2490, 49.5290

Conversions

Conversions Part 2

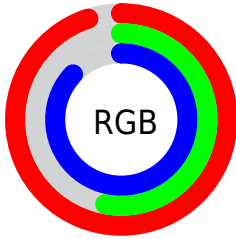
Format	Color
R_{YB}	241, 135, 222
Decimal	15828958
CIE _{Lab}	70.39, 52.09, -26.92
CIE _{LCh}	70, 58.634, 332.673
Yxy	41.3050, 0.3352, 0.2381
Android (android.graphics.Color)	4294019038 (0xFFFF187DE)
YUV	176.6120, 22.3763, 56.4683
Hunter-Lab	64.2690, 49.0272, -23.3049

Details

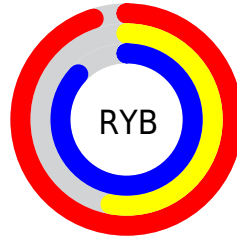
The YIQ color **176.6120, 35.2490, 49.5290** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **199.3880, -35.2490, -49.5290**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.4320, 17.6000, 33.4720**, and **121.3020, 33.1860, 48.3700** is the 20% darker color. If you saturate the color by 10%, you get **162.0680, 43.1330, 60.8370**, and if you desaturate by 10%, it is **191.1560, 27.3650, 38.2210**.

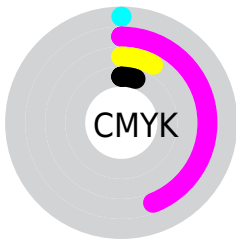
Distribution



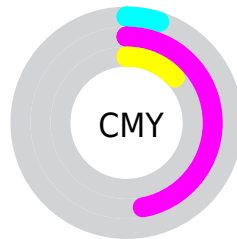
- Red (95%)
- Green (53%)
- Blue (87%)



- Red (95%)
- Yellow (53%)
- Blue (87%)



- Cyan (0%)
- Magenta (44%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.6120, 35.2490, 49.5290 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 176.6120, 35.2490, 49.5290 by changing the saturation by 10% instead.


 176.6120, 35.2490,
49.5290

 176.6120, 35.2490,
49.5290


255.0000, -0.0000,
-0.0000


 148.9000, 34.3780,
48.7940


 217.4320, 17.6000,
33.4720


 121.3020, 33.1860,
48.3700


 233.8680, 9.9000,
18.8280

 94.0030, 32.5900,
48.1580

 250.8910, 1.9250,
3.6610

 65.0570, 32.4980,
49.8260

 40.1600, 30.7100,
49.1900

 29.6500, 22.9180,
36.2140

 20.2650, 16.2720,

24.4960

■ 6.9930, 1.8780,
10.0220

■ 0.0000, 0.0000,
0.0000

■ 176.6120, 35.2490,
49.5290

■ 176.6120, 35.2490,
49.5290

■ 162.0680, 43.1330,
60.8370

■ 191.1560, 27.3650,
38.2210

■ 147.4100, 51.3380,
71.8340

■ 205.8140, 19.1600,
27.2240

■ 132.8660, 59.2220,
83.1420

■ 220.3580, 11.2760,
15.9160

■ 118.3220, 67.1060,
94.4500

■ 234.9020, 3.3920,
4.6080

■ 103.0770, 75.5860,
105.9700

■ 249.5600, -4.8130,
-6.3890

■ 94.6310, 80.0780,
112.6700

■ 250.0160, -6.0970,
-5.1450

■ 250.4720, -7.3810,
-3.9010

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



174.7610, -16.8790, 36.0890



176.6120, 35.2490, 49.5290



168.2990, 63.6310, 41.7670

Triad

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



176.6120, 35.2490, 49.5290



166.0060, 51.4480, -29.3200



141.6310, -127.3630, -32.1230

Complementary

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



176.6120, 35.2490, 49.5290



199.3880, -35.2490, -49.5290

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.



136.1760, -110.6250, -49.1290



176.6120, 35.2490, 49.5290



160.7170, 9.3610, -43.0150

Square

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



176.6120, 35.2490, 49.5290



169.1750, 76.7980, -4.1460



147.3950, -54.3220, -50.7860



140.6000, -134.1050, -20.0650

Rectangle

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



176.6120, 35.2490, 49.5290



166.6570, 73.7660, 28.7900



147.3950, -54.3220, -50.7860



140.3940, -122.5020, -37.6220

Sweetspot

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



176.6120, 35.2490, 49.5290



234.9450, 11.0010, 15.3930



152.4660, -23.2980, 36.7820



115.2170, 7.0590, 9.7390



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.



176.6120, 35.2490, 49.5290



173.0190, 44.8290, 63.1410



170.6840, 51.9410, 33.3570



112.7280, 3.9420, 5.6540



72.2300, 61.1930, 85.9690



21.9880, 18.6100, 26.1780

Inverse Universe

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



176.6120, 35.2490, 49.5290



173.0190, 44.8290, 63.1410



205.3160, -51.9410, -33.3570



112.7280, 3.9420, 5.6540



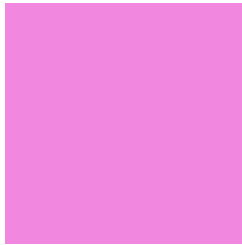
72.2300, 61.1930, 85.9690



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 176.6120, 35.2490, 49.5290 looks on a white background.

Color Contrast Check

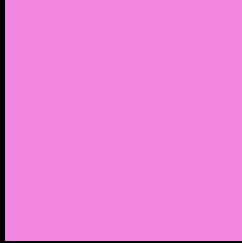
Large Text (above 18pt) WCAG AA × Fail

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 176.6120, 35.2490, 49.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

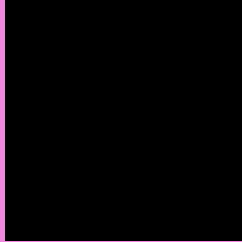
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.6120, 35.2490, 49.5290

Background



This preview shows how black text looks on a background with the YIQ color 176.6120, 35.2490, 49.5290.



This preview shows how white text looks on a background with the YIQ color 176.6120, 35.2490,

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

176.6120, 35.2490, 49.5290

Protanopia

172.1290, -39.0670, 19.6930

Deuteranopia

173.7600, -16.2790, 14.1930



Tritanopia

174.9680, 47.7250, 21.6530

Trichromacy



Original Color

176.6120, 35.2490, 49.5290



Protanomaly

173.5240, -12.0180, 30.5900



Deuteranomaly

175.0170, 2.4710, 26.8150



Tritanomaly

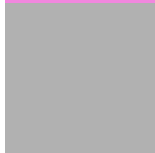
175.5520, 43.5050, 32.0570

Monochromacy



Original Color

176.6120, 35.2490, 49.5290



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.8960, 12.6970, 17.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.6120, 35.2490, 49.5290 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(241, 135, 222)` looks like.

```
.text, #text, p{  
    color:rgb(241, 135, 222)  
}
```

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(241, 135, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 135, 222) }
```

Border

The CSS property to change the border of an element to YIQ 176.6120, 35.2490, 49.5290 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(241, 135, 222) }
```


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

```
.border{ border-color:rgb(241, 135, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 135, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 135, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 135, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 135,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 176.6120, 35.2490, 49.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 135, 222) }
```

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

```
.background{ background-color: rgb(241,  
135, 222) }
```

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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