

Converting Colors

YIQ(147.4920, 54.0430, 72.3710)

Have a look what the booklet for
YIQ(147.4920, 54.0430, 72.3710)
contains.

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Color

**YIQ(147.4920, 54.0430,
72.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	F456D3
RGB	244, 86, 211
RGB Percent	96%, 34%, 83%
CMY	0.0427, 0.6630, 0.1724
CMYK	0.00, 0.65, 0.14, 0.04
HSL	313°, 88%, 65%
HSV	313°, 65%, 96%
XYZ	52.4325, 30.6035, 64.7913
YIQ	147.4920, 54.0430, 72.3710

Conversions

Conversions Part 2

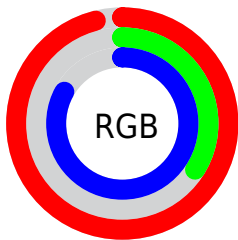
Format	Color
R_{YB}	244, 86, 211
Decimal	16013011
CIE _{Lab}	62.17, 73.12, -33.44
CIE _{LCh}	62, 80.408, 335.423
Yxy	30.6035, 0.3547, 0.2070
Android (android.graphics.Color)	4294203091 (0xFFFF456D3)
YUV	147.4920, 31.3094, 84.6375
Hunter-Lab	55.3204, 72.3711, -30.7162

Details

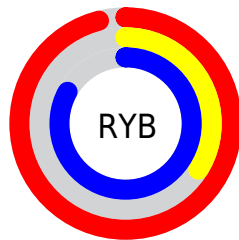
The YIQ color **147.4920, 54.0430, 72.3710** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **182.5080, -54.0430, -72.3710**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4300, 30.2500, 57.5300**, and **72.8000, 59.5880, 87.5240** is the 20% darker color. If you saturate the color by 10%, you get **132.8340, 62.2480, 83.3680**, and if you desaturate by 10%, it is **162.1500, 45.8380, 61.3740**.

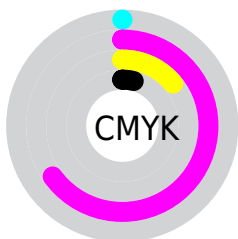
Distribution



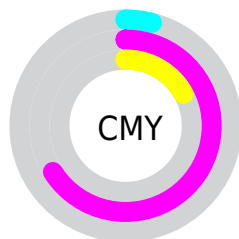
- Red (96%)
- Green (34%)
- Blue (83%)



- Red (96%)
- Yellow (34%)
- Blue (83%)



- Cyan (0%)
- Magenta (65%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (66%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.4920, 54.0430, 72.3710 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 147.4920, 54.0430, 72.3710 by changing the saturation by 10% instead.

 147.4920, 54.0430,
72.3710


 147.4920, 54.0430,
72.3710


255.0000, -0.0000,
-0.0000


 115.9590, 54.2260,
74.5620


 190.4300, 30.2500,
57.5300

 72.8000, 59.5880,
87.5240


 207.4530, 22.2750,
42.3630


 61.1650, 50.6500,
73.2900

 225.0630, 14.0250,
26.6730

 49.5300, 41.7120,
59.0560

 242.6730, 5.7750,
10.9830

 38.4220, 32.7280,
45.6560

 27.6130, 24.3400,
32.4680

 16.7330, 14.7140,

19.6900

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 147.4920, 54.0430,
72.3710

■ 147.4920, 54.0430,
72.3710

■ 132.8340, 62.2480,
83.3680

■ 162.1500, 45.8380,
61.3740

■ 117.5890, 70.7280,
94.8880

■ 177.3950, 37.3580,
49.8540

■ 102.9310, 78.9330,
105.8850

■ 192.0530, 29.1530,
38.8570

■ 94.9580, 83.4710,
111.7510

■ 207.2980, 20.6730,
27.3370

222.0700, 12.1470,
16.6510

236.7280, 3.9420,
5.6540

250.7990, -3.9880,
-4.8200

251.3690, -5.5930,
-3.2650

251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



151.7800, -17.8900, 48.9100



147.4920, 54.0430, 72.3710



129.7730, 89.4400, 64.1280

Triad

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



147.4920, 54.0430, 72.3710



139.7550, 58.9240, -43.6680



132.6950, -124.2470, -22.5110

Complementary

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



147.4920, 54.0430, 72.3710



182.5080, -54.0430, -72.3710

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.



125.3020, -102.0520, -44.8040



147.4920, 54.0430, 72.3710



127.0100, 8.9530, -68.6710

Square

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



147.4920, 54.0430, 72.3710



140.6610, 101.1920, -16.7280



114.4040, -76.8770, -66.0370



130.6210, -129.4300, -11.1740

Rectangle

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



147.4920, 54.0430, 72.3710



132.1600, 100.6310, 43.0230



114.4040, -76.8770, -66.0370



130.7740, -117.4600, -29.8760

Sweetspot

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



147.4920, 54.0430, 72.3710



225.6840, 16.4100, 21.9940



113.5800, -31.6460, 55.9220



109.5920, 10.4970, 13.5130



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.



147.4920, 54.0430, 72.3710



133.3990, 68.2070, 91.0150



138.6000, 79.0810, 48.1130



114.7280, 3.9420, 5.6540



72.3720, 63.6690, 85.1490



22.8850, 20.3980, 26.8140

Inverse Universe

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



147.4920, 54.0430, 72.3710



133.3990, 68.2070, 91.0150



191.4000, -79.0810, -48.1130



114.7280, 3.9420, 5.6540



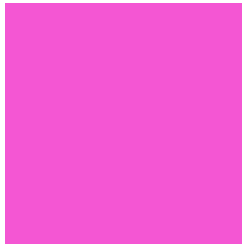
72.3720, 63.6690, 85.1490



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 147.4920, 54.0430, 72.3710 looks on a white background.

Color Contrast Check

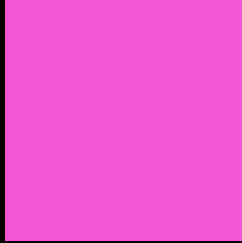
Large Text (above 18pt) WCAG AA × Fail

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 147.4920, 54.0430, 72.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

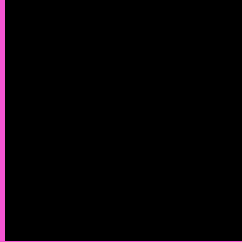
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.4920, 54.0430, 72.3710

Background



This preview shows how black text looks on a background with the YIQ color 147.4920, 54.0430, 72.3710.



This preview shows how white text looks on a background with the YIQ color 147.4920, 54.0430,

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

147.4920, 54.0430, 72.3710

Protanopia

146.4550, -60.2960, 24.4720

Deuteranopia

150.7530, -23.5690, 14.1510



Tritanopia

148.9880, 71.3360, 28.7760

Trichromacy



Original Color

147.4920, 54.0430, 72.3710



Protanomaly

146.9660, -18.7140, 41.8140



Deuteranomaly

149.3690, 4.7160, 35.6920



Tritanomaly

148.3640, 65.0060, 44.3820

Monochromacy



Original Color

147.4920, 54.0430, 72.3710



Achromatopsia

147.0000, -0.0000, 0.0000



Achromatomaly

147.1730, 19.5270, 26.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.4920, 54.0430, 72.3710 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(244, 86, 211)` looks like.

```
.text, #text, p{  
    color:rgb(244, 86, 211)  
}
```

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(244, 86, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 86, 211) }
```

Border

The CSS property to change the border of an element to YIQ 147.4920, 54.0430, 72.3710 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(244, 86, 211) }
```


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

```
.border{ border-color:rgb(244, 86, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 86, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 86, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 86, 211);  
box-shadow:4px 4px 4px 4px rgb(244, 86,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 147.4920, 54.0430, 72.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 86, 211) }
```

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

```
.background{ background-color: rgb(244, 86,  
211) }
```

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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