

Converting Colors

YIQ(184.3830, 37.6320, 55.9040)

Have a look what the booklet for
YIQ(184.3830, 37.6320, 55.9040)
contains.

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Color

**YIQ(184.3830, 37.6320,
55.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8AEE
RGB	255, 138, 238
RGB Percent	100%, 54%, 93%
CMY	0.0000, 0.4590, 0.0666
CMYK	0.00, 0.46, 0.07, 0.00
HSL	309°, 100%, 77%
HSV	309°, 46%, 100%
XYZ	65.7568, 45.5970, 86.2384
YIQ	184.3830, 37.6320, 55.9040

Conversions

Conversions Part 2

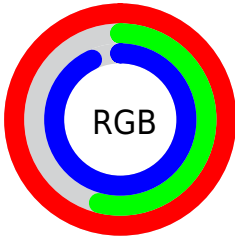
Format	Color
R _Y B	255, 138, 238
Decimal	16747246
CIE Lab	73.28, 57.38, -31.11
CIE LCh	73, 65.268, 331.535
Yxy	45.5970, 0.3328, 0.2308
Android (android.graphics.Color)	4294937326 (0xFFFF8AEE)
YUV	184.3830, 26.4332, 61.9311
Hunter-Lab	67.5256, 55.6545, -28.4526

Details

The YIQ color **184.3830, 37.6320, 55.9040** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.6170, -37.6320, -55.9040**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.1930, 16.7750, 31.9030**, and **128.0730, 35.5690, 54.7450** is the 20% darker color. If you saturate the color by 10%, you get **168.6650, 46.0660, 68.2580**, and if you desaturate by 10%, it is **199.5140, 29.4730, 44.0730**.

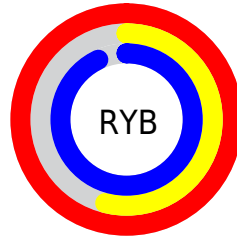
Distribution



Red (100%)

Green (54%)

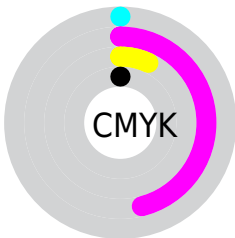
Blue (93%)



Red (100%)

Yellow (54%)

Blue (93%)

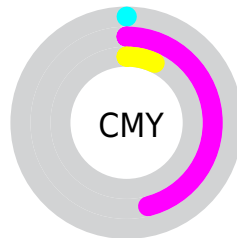


Cyan (0%)

Magenta (46%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.3830, 37.6320, 55.9040 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 184.3830, 37.6320, 55.9040 by changing the saturation by 10% instead.


 184.3830, 37.6320,
55.9040


 184.3830, 37.6320,
55.9040


255.0000, -0.0000,
-0.0000


 155.7850, 36.4400,
55.4800


 219.1930, 16.7750,
31.9030


 128.0730, 35.5690,
54.7450


 236.2160, 8.8000,
16.7360

 99.8880, 34.6520,
54.8440

 253.8260, 0.5500,
1.0460

 69.0670, 35.7060,
57.7700

 45.2300, 33.6890,
55.7770

 34.4210, 25.3010,
42.5890

 24.2100, 18.1050,

29.8250

■ 13.6290, 9.0750,
17.2590

■ 0.6840, -1.9260,
1.8660

■ 184.3830, 37.6320,
55.9040

■ 184.3830, 37.6320,
55.9040

■ 168.6650, 46.0660,
68.2580

■ 199.5140, 29.4730,
44.0730

■ 153.6480, 53.9040,
80.4000

■ 215.1180, 21.3600,
31.4080

■ 137.9300, 62.3380,
92.7540

■ 230.2490, 13.2010,
19.5770

■ 122.7990, 70.4970,
104.5850

■ 245.9670, 4.7670,
7.2230

■ 107.1950, 78.6100, 255.0000, -0.0000,
117.2500 -0.0000

■ 101.0970, 82.0020,
121.8580

Harmonies

Analogous

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



180.0660, -16.4200, 33.2760



184.3830, 37.6320, 55.9040



170.0260, 60.1460, 44.3540

Triad

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



184.3830, 37.6320, 55.9040



172.5630, 59.8850, -33.5470



149.5700, -134.5610, -33.8330

Complementary

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



184.3830, 37.6320, 55.9040



208.6170, -37.6320, -55.9040

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.



143.3170, -115.5760, -53.0160



184.3830, 37.6320, 55.9040



166.6970, 12.1130, -48.8390

Square

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



184.3830, 37.6320, 55.9040



176.1390, 85.6470, -4.8250



149.8730, -61.8400, -57.7120



147.0570, -137.1300, -25.8180

Rectangle

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



184.3830, 37.6320, 55.9040



167.3410, 71.8400, 30.6560



149.8730, -61.8400, -57.7120



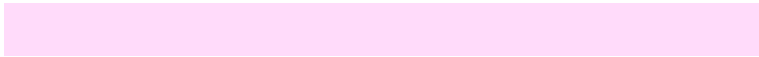
147.9910, -128.7370, -40.2650

Sweetspot

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



184.3830, 37.6320, 55.9040



233.2980, 11.5050, 17.2730



156.1220, -28.0210, 39.7790



114.6300, 7.3340, 10.2620



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.



184.3830, 37.6320, 55.9040



170.5400, 44.9200, 67.0000



177.8850, 55.9290, 38.1770



120.1410, 4.2170, 6.1770



75.8050, 61.1920, 91.4960



25.4060, 20.4890, 30.6730

Inverse Universe

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



184.3830, 37.6320, 55.9040



170.5400, 44.9200, 67.0000



215.1150, -55.9290, -38.1770



120.1410, 4.2170, 6.1770



75.8050, 61.1920, 91.4960



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 184.3830, 37.6320, 55.9040 looks on a white background.

Color Contrast Check

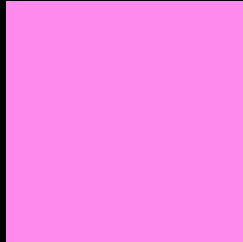
Large Text (above 18pt) WCAG AA × Fail

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 184.3830, 37.6320, 55.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

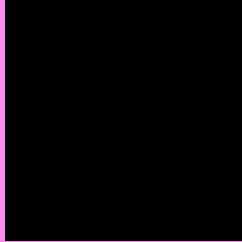
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.3830, 37.6320, 55.9040

Background



This preview shows how black text looks on a background with the YIQ color 184.3830, 37.6320, 55.9040.



This preview shows how white text looks on a background with the YIQ color 184.3830, 37.6320,

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

184.3830, 37.6320, 55.9040

Protanopia

180.2000, -37.8290, 19.2830

Deuteranopia

181.3620, -20.9100, 15.5220



Tritanopia

182.7620, 51.3010, 22.9250

Trichromacy



Original Color

184.3830, 37.6320, 55.9040



Protanomaly

181.4750, -10.3220, 32.8940



Deuteranomaly

182.7550, 0.4530, 30.3490



Tritanomaly

183.2150, 46.0720, 35.0960

Monochromacy



Original Color

184.3830, 37.6320, 55.9040



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

184.0750, 13.7510, 20.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.3830, 37.6320, 55.9040 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, 138, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 238)  
}
```

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, 138, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 238) }
```

Border

The CSS property to change the border of an element to YIQ 184.3830, 37.6320, 55.9040 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, 138, 238) }
```


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

```
.border{ border-color:rgb(255, 138, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 184.3830, 37.6320, 55.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 238) }
```

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

```
.background{ background-color: rgb(255,  
138, 238) }
```

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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