

Converting Colors

YIQ(189.0960, 36.7620, 49.6420)

Have a look what the booklet for
YIQ(189.0960, 36.7620, 49.6420)
contains.

YIQ(189.0960, 36.7620, 49.6420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(189.0960, 36.7620,
49.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93E9
RGB	255, 147, 233
RGB Percent	100%, 58%, 91%
CMY	0.0000, 0.4237, 0.0862
CMYK	0.00, 0.42, 0.09, 0.00
HSL	312°, 100%, 79%
HSV	312°, 42%, 100%
XYZ	66.3776, 47.9977, 82.8719
YIQ	189.0960, 36.7620, 49.6420

Conversions

Conversions Part 2

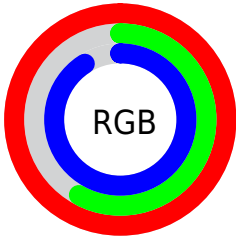
Format	Color
R _Y B	255, 147, 233
Decimal	16749545
CIE Lab	74.82, 52.13, -26.01
CIE LCh	75, 58.256, 333.479
Yxy	47.9977, 0.3365, 0.2433
Android (android.graphics.Color)	4294939625 (0xFFFF93E9)
YUV	189.0960, 21.6447, 57.7978
Hunter-Lab	69.2804, 49.7802, -22.4253

Details

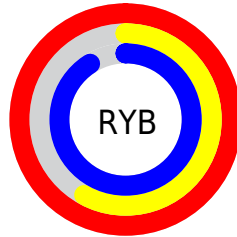
The YIQ color **189.0960, 36.7620, 49.6420** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.9040, -36.7620, -49.6420**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.4760, 14.3000, 27.1960**, and **133.3730, 34.4240, 47.9600** is the 20% darker color. If you saturate the color by 10%, you get **173.2640, 45.5170, 61.6850**, and if you desaturate by 10%, it is **204.3410, 28.2820, 38.1220**.

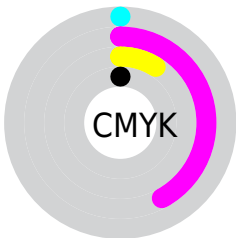
Distribution



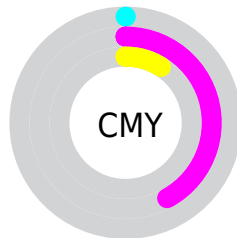
- Red (100%)
- Green (58%)
- Blue (91%)



- Red (100%)
- Yellow (58%)
- Blue (91%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.0960, 36.7620, 49.6420 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 189.0960, 36.7620, 49.6420 by changing the saturation by 10% instead.


 189.0960, 36.7620,
49.6420

 189.0960, 36.7620,
49.6420


255.0000, -0.0000,
-0.0000


 161.0850, 35.2950,
48.6950


 224.4760, 14.3000,
27.1960


 133.3730, 34.4240,
47.9600

 241.4990, 6.3250,
12.0290

 106.0740, 33.8280,
47.7480

 78.3020, 33.1860,
48.3700

 45.0730, 35.5690,
54.7450

 34.2640, 27.1810,
41.5570

 24.1670, 19.6640,

29.1040

■ 14.1840, 11.8260,
16.9620

■ 0.0000, 0.0000,
0.0000

■ 189.0960, 36.7620,
49.6420

■ 189.0960, 36.7620,
49.6420

■ 173.2640, 45.5170,
61.6850

■ 204.3410, 28.2820,
38.1220

■ 158.0190, 53.9970,
73.2050

■ 220.1730, 19.5270,
26.0790

■ 142.0730, 63.0730,
84.9370

■ 235.5320, 10.7260,
14.8700

■ 126.8280, 71.5530,
96.4570

■ 251.3640, 1.9710,
2.8270

■ 110.9960, 80.3080, 255.0000, -0.0000,
108.5000 -0.0000

■ 99.3870, 86.8170,
117.1930

Harmonies

Analogous

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



186.2900, -11.2390, 32.9930



189.0960, 36.7620, 49.6420



177.1840, 56.5250, 38.3890

Triad

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



189.0960, 36.7620, 49.6420



178.1200, 51.1270, -29.0090



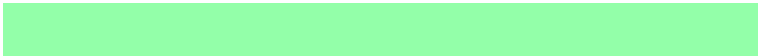
150.8580, -135.4320, -34.5680

Complementary

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



189.0960, 36.7620, 49.6420



212.9040, -36.7620, -49.6420

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.



145.4030, -118.6940, -51.5740



189.0960, 36.7620, 49.6420



172.2330, 7.8480, -43.1280

Square

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



189.0960, 36.7620, 49.6420



181.9470, 77.4400, -4.7680



159.8080, -54.0470, -50.2630



147.6440, -137.4050, -26.3410

Rectangle

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



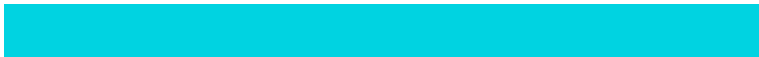
189.0960, 36.7620, 49.6420



175.4280, 66.9810, 25.1010



159.8080, -54.0470, -50.2630



149.5070, -130.2500, -40.3780

Sweetspot

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



189.0960, 36.7620, 49.6420



234.8310, 11.3220, 15.0820



165.8900, -21.5560, 38.2520



115.1030, 7.3800, 9.4280



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.



189.0960, 36.7620, 49.6420



175.7260, 44.0960, 59.9040



182.9400, 54.0960, 32.8480



120.0270, 4.5380, 5.8660



74.4370, 65.0440, 87.7640



24.9500, 21.7730, 29.4290

Inverse Universe

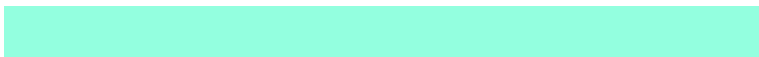
The Inverse Universe completely reimagines the original color for something new.



189.0960, 36.7620, 49.6420



175.7260, 44.0960, 59.9040



219.0600, -54.0960, -32.8480



120.0270, 4.5380, 5.8660



74.4370, 65.0440, 87.7640



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 189.0960, 36.7620, 49.6420 looks on a white background.

Color Contrast Check

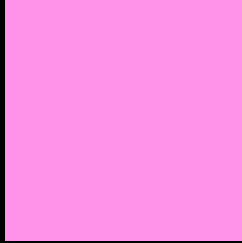
Large Text (above 18pt) WCAG AA × Fail

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 189.0960, 36.7620, 49.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

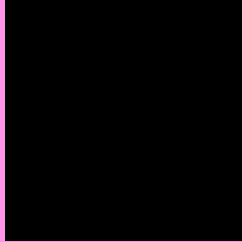
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.0960, 36.7620, 49.6420

Background



This preview shows how black text looks on a background with the YIQ color 189.0960, 36.7620, 49.6420.



This preview shows how white text looks on a background with the YIQ color 189.0960, 36.7620,

49.6420.

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

189.0960, 36.7620, 49.6420

Protanopia

184.6410, -34.7570, 18.6750

Deuteranopia

186.2440, -14.7660, 14.3060



Tritanopia

187.6800, 48.5960, 22.3880

Trichromacy



Original Color

189.0960, 36.7620, 49.6420



Protanomaly

185.9650, -8.9460, 29.9820



Deuteranomaly

187.5010, 3.9840, 26.9280



Tritanomaly

188.1500, 44.6970, 32.4810

Monochromacy



Original Color

189.0960, 36.7620, 49.6420



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

189.1950, 13.2930, 17.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.0960, 36.7620, 49.6420 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, 147, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 233)  
}
```

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, 147, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 233) }
```

Border

The CSS property to change the border of an element to YIQ 189.0960, 36.7620, 49.6420 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, 147, 233) }
```


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

```
.border{ border-color:rgb(255, 147, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 189.0960, 36.7620, 49.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 233) }
```

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

```
.background{ background-color: rgb(255,  
147, 233) }
```

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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