

Converting Colors

YIQ(182.2460, 36.7600, 60.6960)

Have a look what the booklet for
YIQ(182.2460, 36.7600, 60.6960)
contains.

YIQ(182.2460, 36.7600, 60.6960)	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(182.2460, 36.7600,
60.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85F5
RGB	255, 133, 245
RGB Percent	100%, 52%, 96%
CMY	0.0000, 0.4786, 0.0392
CMYK	0.00, 0.48, 0.04, 0.00
HSL	305°, 100%, 76%
HSV	305°, 48%, 100%
XYZ	66.1043, 44.6146, 91.5257
YIQ	182.2460, 36.7600, 60.6960

Conversions

Conversions Part 2

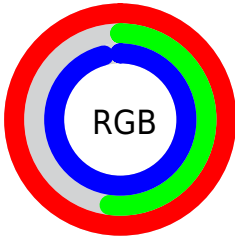
Format	Color
R _Y B	255, 133, 245
Decimal	16745973
CIE Lab	72.64, 60.94, -35.93
CIE LCh	73, 70.742, 329.477
Yxy	44.6146, 0.3269, 0.2206
Android (android.graphics.Color)	4294936053 (0xFFFF85F5)
YUV	182.2460, 30.9377, 63.8053
Hunter-Lab	66.7942, 59.7666, -34.4871

Details

The YIQ color **182.2460, 36.7600, 60.6960** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **205.7540, -36.7600, -60.6960**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.8450, 17.8750, 33.9950**, and **125.2350, 35.2930, 59.7490** is the 20% darker color. If you saturate the color by 10%, you get **166.7560, 44.5520, 73.6720**, and if you desaturate by 10%, it is **197.1490, 29.2430, 48.2430**.

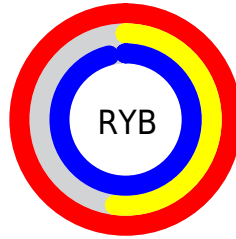
Distribution



Red (100%)

Green (52%)

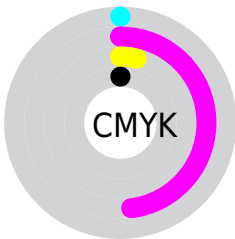
Blue (96%)



Red (100%)

Yellow (52%)

Blue (96%)

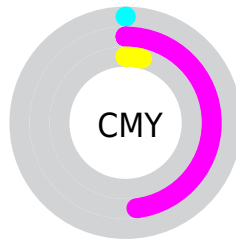


Cyan (0%)

Magenta (48%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 182.2460, 36.7600, 60.6960 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 182.2460, 36.7600, 60.6960 by changing the saturation by 10% instead.


 182.2460, 36.7600,
60.6960


 182.2460, 36.7600,
60.6960


255.0000, -0.0000,
-0.0000


 153.5340, 35.8890,
59.9610


 216.2580, 18.1500,
34.5180


 125.2350, 35.2930,
59.7490


 233.2810, 10.1750,
19.3510

 96.4630, 34.6510,
60.3710

 250.8910, 1.9250,
3.6610

 61.0600, 37.5840,
67.7920

 45.6150, 31.1670,
57.4310

 34.6920, 23.1000,
43.9320

 24.5950, 15.5830,

31.4790

■ 13.9000, 6.8740,
18.6020

■ 2.1830, -4.7690,
3.8310

■ 182.2460, 36.7600,
60.6960

■ 182.2460, 36.7600,
60.6960

■ 166.7560, 44.5520,
73.6720

■ 197.1490, 29.2430,
48.2430

■ 151.8530, 52.0690,
86.1250

■ 212.6390, 21.4510,
35.2670

■ 136.3630, 59.8610,
99.1010

■ 227.5420, 13.9340,
22.8140

■ 121.4600, 67.3780,
111.5540

■ 243.0320, 6.1420,
9.8380

■ 105.9700, 75.1700, 255.0000, -0.0000,
124.5300 -0.0000

■ 102.9210, 76.8660,
126.8340

Harmonies

Analogous

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



175.9020, -21.8300, 32.2020



182.2460, 36.7600, 60.6960



165.0850, 61.6580, 49.9940

Triad

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



182.2460, 36.7600, 60.6960



169.4190, 68.9180, -37.5620



149.4560, -134.2400, -34.1440

Complementary

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



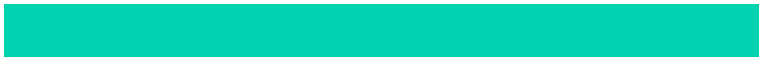
182.2460, 36.7600, 60.6960



205.7540, -36.7600, -60.6960

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.



142.6330, -113.6500, -54.8820



182.2460, 36.7600, 60.6960



163.5850, 18.1200, -53.0800

Square

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



182.2460, 36.7600, 60.6960



171.5910, 90.1860, -4.4860



144.4330, -66.6530, -64.1010



147.0570, -137.1300, -25.8180

Rectangle

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



182.2460, 36.7600, 60.6960



161.9440, 74.6360, 35.0520



144.4330, -66.6530, -64.1010



147.7630, -128.0950, -40.8870

Sweetspot

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



182.2460, 36.7600, 60.6960



233.5260, 10.8630, 17.8950



149.3000, -34.3940, 39.6380



114.8580, 6.6920, 10.8840



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.



182.2460, 36.7600, 60.6960



168.5170, 43.7270, 72.1030



175.5200, 55.6990, 42.3470



120.1410, 4.2170, 6.1770



77.1730, 57.3400, 95.2280



25.8620, 19.2050, 31.9170

Inverse Universe

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



182.2460, 36.7600, 60.6960



168.5170, 43.7270, 72.1030



212.4800, -55.6990, -42.3470



120.1410, 4.2170, 6.1770



77.1730, 57.3400, 95.2280



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 182.2460, 36.7600, 60.6960 looks on a white background.

Color Contrast Check

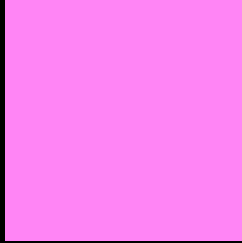
Large Text (above 18pt) WCAG AA × Fail

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 182.2460, 36.7600, 60.6960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

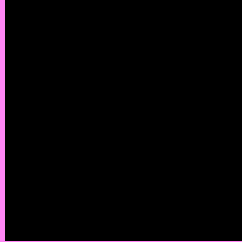
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.2460, 36.7600, 60.6960

Background



This preview shows how black text looks on a background with the YIQ color 182.2460, 36.7600, 60.6960.



This preview shows how white text looks on a background with the YIQ color 182.2460, 36.7600,

60.6960.

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

182.2460, 36.7600, 60.6960

Protanopia

177.8300, -39.6630, 19.4810

Deuteranopia

179.0670, -27.3290, 16.2150



Tritanopia

181.0610, 51.8970, 23.1370

Trichromacy



Original Color

182.2460, 36.7600, 60.6960



Protanomaly

179.0450, -11.9270, 34.4490



Deuteranomaly

179.8840, -4.2240, 32.5120



Tritanomaly

181.5680, 46.5760, 36.9760

Monochromacy



Original Color

182.2460, 36.7600, 60.6960



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

182.1290, 13.6590, 22.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.2460, 36.7600, 60.6960 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, 133, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 245)  
}
```

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, 133, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 245) }
```

Border

The CSS property to change the border of an element to YIQ 182.2460, 36.7600, 60.6960 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, 133, 245) }
```


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

```
.border{ border-color:rgb(255, 133, 245) }
```

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

Here you see how a box with a 4 pixel rgb(255, 133, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 182.2460, 36.7600, 60.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 245) }
```

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

```
.background{ background-color: rgb(255,  
133, 245) }
```

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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