

Converting Colors

YIQ(162.7760, 41.8000, 79.4960)

Have a look what the booklet for
YIQ(162.7760, 41.8000, 79.4960)
contains.

YIQ(162.7760, 41.8000, 79.4960)	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(162.7760, 41.8000,
79.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	FC64FC
RGB	252, 100, 252
RGB Percent	99%, 39%, 99%
CMY	0.0113, 0.6081, 0.0117
CMYK	0.00, 0.60, 0.00, 0.01
HSL	300°, 96%, 69%
HSV	300°, 60%, 99%
XYZ	62.3108, 36.8484, 95.9340
YIQ	162.7760, 41.8000, 79.4960

Conversions

Conversions Part 2

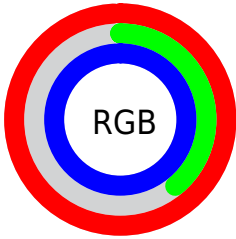
Format	Color
R _Y B	252, 100, 252
Decimal	16540924
CIE Lab	67.16, 75.89, -48.35
CIE LCh	67, 89.986, 327.500
Yxy	36.8484, 0.3194, 0.1889
Android (android.graphics.Color)	4294731004 (0xFFFC64FC)
YUV	162.7760, 43.9874, 78.2494
Hunter-Lab	60.7029, 76.9980, -51.2091

Details

The YIQ color **162.7760, 41.8000, 79.4960** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **189.2240, -41.8000, -79.4960**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 26.4000, 50.2080**, and **97.8350, 43.3120, 85.1360** is the 20% darker color. If you saturate the color by 10%, you get **148.1010, 48.6750, 92.5710**, and if you desaturate by 10%, it is **177.4510, 34.9250, 66.4210**.

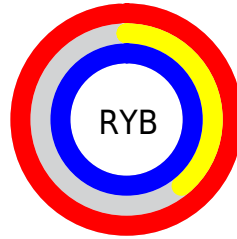
Distribution



Red (99%)

Green (39%)

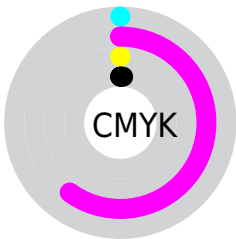
Blue (99%)



Red (99%)

Yellow (39%)

Blue (99%)

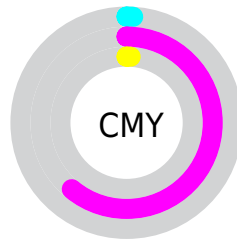


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (61%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.7760, 41.8000, 79.4960 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 162.7760, 41.8000, 79.4960 by changing the saturation by 10% instead.


 162.7760, 41.8000,
79.4960


 162.7760, 41.8000,
79.4960


255.0000, -0.0000,
-0.0000


 132.3030, 41.7540,
80.3300


 198.6480, 26.4000,
50.2080


 97.8350, 43.3120,
85.1360


 215.6710, 18.4250,
35.0410


 67.7750, 43.5410,
86.4930

 233.2810, 10.1750,
19.3510

 56.0260, 34.9240,
71.9480

 250.8910, 1.9250,
3.6610

 44.3910, 25.9860,
57.7140

 33.1690, 17.3230,
44.0030

 22.6590, 9.5310,

31.0270

■ 9.8710, -3.3500,
16.6660

■ 2.7530, -6.3740,
5.3860

■ 162.7760, 41.8000,
79.4960

■ 162.7760, 41.8000,
79.4960

■ 148.1010, 48.6750,
92.5710

■ 177.4510, 34.9250,
66.4210

■ 133.4260, 55.5500,
105.6460

■ 192.1260, 28.0500,
53.3460

■ 118.1640, 62.7000,
119.2440

■ 207.3880, 20.9000,
39.7480

■ 104.0760, 69.3000,
131.7960

■ 222.0630, 14.0250,
26.6730

236.7380, 7.1500,
13.5980

251.4130, 0.2750,
0.5230

253.7610, -0.8250,
-1.5690

Harmonies

Analogous

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



155.4470, -39.4820, 32.7260



162.7760, 41.8000, 79.4960



131.3010, 79.6260, 76.7940

Triad

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



162.7760, 41.8000, 79.4960



153.4430, 77.5380, -39.5980



143.2440, -130.5270, -29.8470

Complementary

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



162.7760, 41.8000, 79.4960



189.2240, -41.8000, -79.4960

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.



133.7820, -103.8840, -55.6600



162.7760, 41.8000, 79.4960



142.7360, 24.4040, -67.8520

Square

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



162.7760, 41.8000, 79.4960



148.4460, 118.1550, -10.2690



120.4560, -74.6280, -79.2680



142.3610, -134.9300, -21.6340

Rectangle

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



162.7760, 41.8000, 79.4960



128.6670, 95.3100, 56.8620



120.4560, -74.6280, -79.2680



140.7530, -122.1350, -38.7670

Sweetspot

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



162.7760, 41.8000, 79.4960



227.9980, 12.6500, 24.0580



117.3280, -48.7920, 47.2720



110.8630, 8.2960, 14.8560



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.



162.7760, 41.8000, 79.4960



146.9920, 50.6000, 96.2320



154.1120, 66.1960, 55.8600



117.3690, 3.5750, 6.7990



78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Inverse Universe

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



162.7760, 41.8000, 79.4960



146.9920, 50.6000, 96.2320



197.8880, -66.1960, -55.8600



117.3690, 3.5750, 6.7990



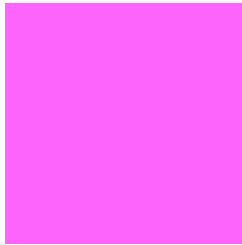
78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 162.7760, 41.8000, 79.4960 looks on a white background.

Color Contrast Check

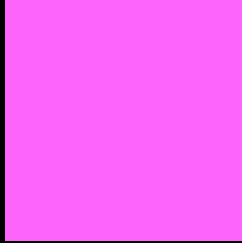
Large Text (above 18pt) WCAG AA × Fail

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 162.7760, 41.8000, 79.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

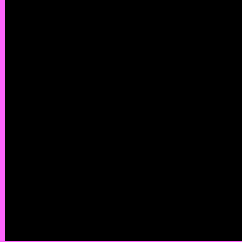
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.7760, 41.8000, 79.4960

Background



This preview shows how black text looks on a background with the YIQ color 162.7760, 41.8000, 79.4960.



This preview shows how white text looks on a background with the YIQ color 162.7760, 41.8000,

79.4960.

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

162.7760, 41.8000, 79.4960

Protanopia

161.5500, -50.4380, 22.0260

Deuteranopia

162.0250, -44.7060, 17.2620



Tritanopia

164.4320, 61.1580, 26.0060

Trichromacy



Original Color

162.7760, 41.8000, 79.4960



Protanomaly

161.9770, -17.2470, 42.7610



Deuteranomaly

162.1360, -13.4410, 39.8630



Tritanomaly

164.0300, 54.3230, 45.2590

Monochromacy



Original Color

162.7760, 41.8000, 79.4960



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

162.7150, 15.1250, 28.7650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.7760, 41.8000, 79.4960 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(252, 100, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 100, 252)  
}
```

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(252, 100, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 100, 252) }
```

Border

The CSS property to change the border of an element to YIQ 162.7760, 41.8000, 79.4960 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(252, 100, 252) }
```


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

```
.border{ border-color:rgb(252, 100, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 100, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 100, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 100, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 100,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 162.7760, 41.8000, 79.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 100, 252) }
```

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

```
.background{ background-color: rgb(252,  
100, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor