

Converting Colors

YIQ(154.2020, 49.2280, 77.0360)

Have a look what the booklet for
YIQ(154.2020, 49.2280, 77.0360)
contains.

YIQ(154.2020, 49.2280, 77.0360)	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(154.2020, 49.2280,
77.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	F95BE7
RGB	249, 91, 231
RGB Percent	98%, 36%, 91%
CMY	0.0231, 0.6434, 0.0940
CMYK	0.00, 0.63, 0.07, 0.02
HSL	307°, 93%, 67%
HSV	307°, 63%, 98%
XYZ	57.2714, 33.4031, 79.0466
YIQ	154.2020, 49.2280, 77.0360

Conversions

Conversions Part 2

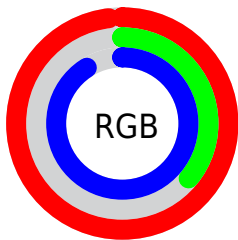
Format	Color
R _Y B	249, 91, 231
Decimal	16341991
CIE _{Lab}	64.49, 75.39, -40.98
CIE _{LCh}	64, 85.811, 331.472
Yxy	33.4031, 0.3374, 0.1968
Android (android.graphics.Color)	4294532071 (0xFFFF95BE7)
YUV	154.2020, 37.8614, 83.1378
Hunter-Lab	57.7954, 75.7396, -40.6340

Details

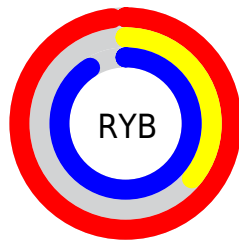
The YIQ color **154.2020, 49.2280, 77.0360** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **185.7980, -49.2280, -77.0360**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.3650, 28.8750, 54.9150**, and **83.5050, 53.1690, 88.2170** is the 20% darker color. If you saturate the color by 10%, you get **139.1850, 57.0660, 89.1780**, and if you desaturate by 10%, it is **169.2190, 41.3900, 64.8940**.

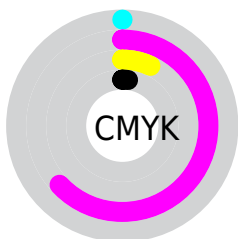
Distribution



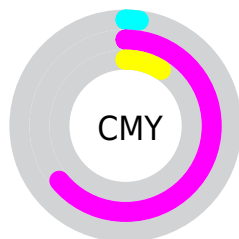
- Red (98%)
- Green (36%)
- Blue (91%)



- Red (98%)
- Yellow (36%)
- Blue (91%)



- Cyan (0%)
- Magenta (63%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (64%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.2020, 49.2280, 77.0360 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 154.2020, 49.2280, 77.0360 by changing the saturation by 10% instead.


 154.2020, 49.2280,
77.0360


 154.2020, 49.2280,
77.0360


255.0000, -0.0000,
-0.0000


 123.2560, 49.1360,
78.7040


 193.3650, 28.8750,
54.9150


 83.5050, 53.1690,
88.2170


 210.9750, 20.6250,
39.2250


 64.7120, 47.8520,
79.9480

 227.9980, 12.6500,
24.0580

 53.0770, 38.9140,
65.7140

 245.6080, 4.4000,
8.3680

 41.7410, 30.5720,
51.6920

 30.6330, 21.5880,
38.2920

 19.9380, 12.8790,

25.4150

■ 4.7580, -4.7700,
9.3580

■ 0.0000, 0.0000,
0.0000

■ 154.2020, 49.2280,
77.0360

■ 154.2020, 49.2280,
77.0360

■ 139.1850, 57.0660,
89.1780

■ 169.2190, 41.3900,
64.8940

■ 124.1680, 64.9040,
101.3200

■ 184.2360, 33.5520,
52.7520

■ 109.1510, 72.7420,
113.4620

■ 199.2530, 25.7140,
40.6100

■ 99.6450, 77.4630,
121.5190

■ 214.1560, 18.1970,
28.1570

229.1730, 10.3590,
16.0150

243.6030, 2.7960,
4.3960

252.7500, -2.2920,
-2.5160

253.0920, -3.2550,
-1.5830

253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



153.7740, -26.9210, 41.8710



154.2020, 49.2280, 77.0360



128.6620, 85.6790, 71.7190

Triad

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



154.2020, 49.2280, 77.0360



146.3000, 67.6350, -41.8450



137.7330, -127.4100, -25.7620

Complementary

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



154.2020, 49.2280, 77.0360



185.7980, -49.2280, -77.0360

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.



128.9550, -102.6930, -49.7090



154.2020, 49.2280, 77.0360



134.1310, 15.9220, -68.3180

Square

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



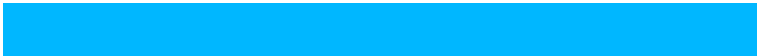
154.2020, 49.2280, 77.0360



145.1570, 111.5990, -12.6010



117.3730, -75.5920, -72.8080



136.4910, -132.1800, -16.4040

Rectangle

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



154.2020, 49.2280, 77.0360



129.4190, 98.7040, 50.4160



117.3730, -75.5920, -72.8080



135.5840, -119.9810, -33.7490

Sweetspot

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



154.2020, 49.2280, 77.0360



226.1400, 15.1260, 23.2380



113.7960, -41.1820, 52.5300



109.9340, 9.5340, 14.4460



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.



154.2020, 49.2280, 77.0360



138.6140, 60.4120, 94.6200



145.4240, 73.9450, 53.0890



117.2550, 3.8960, 6.4880



75.5490, 59.0370, 92.0050



24.3950, 19.0220, 29.7260

Inverse Universe

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



154.2020, 49.2280, 77.0360



138.6140, 60.4120, 94.6200



194.5760, -73.9450, -53.0890



117.2550, 3.8960, 6.4880



75.5490, 59.0370, 92.0050



24.3950, 19.0220, 29.7260

Previews

White Background



This preview shows how the YIQ color 154.2020, 49.2280, 77.0360 looks on a white background.

Color Contrast Check

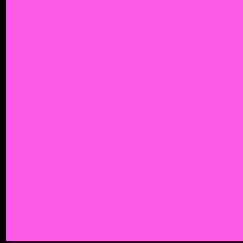
Large Text (above 18pt) WCAG AA × Fail

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 154.2020, 49.2280, 77.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

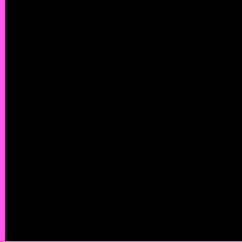
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.2020, 49.2280, 77.0360

Background



This preview shows how black text looks on a background with the YIQ color 154.2020, 49.2280, 77.0360.



This preview shows how white text looks on a background with the YIQ color 154.2020, 49.2280,

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

154.2020, 49.2280, 77.0360

Protanopia

153.8530, -55.6650, 23.1430

Deuteranopia

156.2450, -33.7020, 16.0740



Tritanopia

156.3080, 67.4390, 27.8150

Trichromacy



Original Color

154.2020, 49.2280, 77.0360



Protanomaly

153.9770, -17.2470, 42.7610



Deuteranomaly

155.7580, -3.6290, 38.2510



Tritanomaly

155.2650, 60.9710, 45.9230

Monochromacy



Original Color

154.2020, 49.2280, 77.0360



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

154.1560, 18.1970, 28.1570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2020, 49.2280, 77.0360 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(249, 91, 231)` looks like.

```
.text, #text, p{  
    color:rgb(249, 91, 231)  
}
```

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(249, 91, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 91, 231) }
```

Border

The CSS property to change the border of an element to YIQ 154.2020, 49.2280, 77.0360 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(249, 91, 231) }
```


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

```
.border{ border-color:rgb(249, 91, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 91, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 91, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 91, 231);  
box-shadow:4px 4px 4px 4px rgb(249, 91,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2020, 49.2280, 77.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 91, 231) }
```

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

```
.background{ background-color: rgb(249, 91,  
231) }
```

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