

Converting Colors

YIQ(143.0310, 54.8640, 96.0480)

Have a look what the booklet for
YIQ(143.0310, 54.8640, 96.0480)
contains.

YIQ(143.0310, 54.8640, 96.0480)	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(143.0310, 54.8640,
96.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	FF42F6
RGB	255, 66, 246
RGB Percent	100%, 26%, 96%
CMY	0.0000, 0.7414, 0.0352
CMYK	0.00, 0.74, 0.04, 0.00
HSL	303°, 100%, 63%
HSV	303°, 74%, 100%
XYZ	59.8212, 31.8023, 90.1904
YIQ	143.0310, 54.8640, 96.0480

Conversions

Conversions Part 2

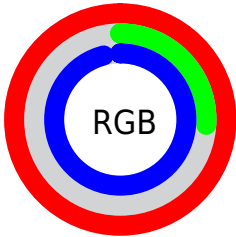
Format	Color
R _Y B	255, 66, 246
Decimal	16728822
CIE Lab	63.18, 87.20, -51.31
CIE LCh	63, 101.180, 329.526
Yxy	31.8023, 0.3290, 0.1749
Android (android.graphics.Color)	4294918902 (0xFFFF42F6)
YUV	143.0310, 50.7637, 98.1968
Hunter-Lab	56.3935, 90.6611, -55.3473

Details

The YIQ color **143.0310, 54.8640, 96.0480** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **177.9690, -54.8640, -96.0480**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.7990, 33.8250, 64.3290**, and **79.5520, 54.9550, 99.9070** is the 20% darker color. If you saturate the color by 10%, you get **127.6550, 62.3350, 109.3350**, and if you desaturate by 10%, it is **157.8200, 47.6680, 83.2840**.

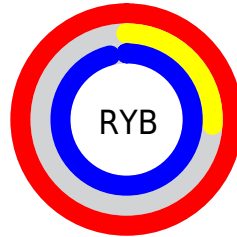
Distribution



Red (100%)

Green (26%)

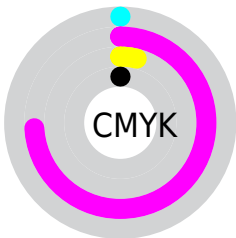
Blue (96%)



Red (100%)

Yellow (26%)

Blue (96%)

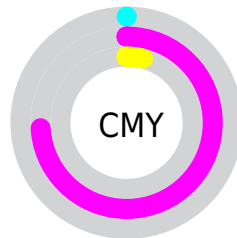


Cyan (0%)

Magenta (74%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.0310, 54.8640, 96.0480 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 143.0310, 54.8640, 96.0480 by changing the saturation by 10% instead.


 143.0310, 54.8640,
96.0480


 143.0310, 54.8640,
96.0480


255.0000, -0.0000,
-0.0000


 99.9320, 59.9970,
107.6530


 182.7990, 33.8250,
64.3290


 79.5520, 54.9550,
99.9070


 200.4090, 25.5750,
48.6390

 67.3900, 46.0630,
84.8390


 218.6060, 17.0500,
32.4260

 55.7550, 37.1250,
70.6050

 236.2160, 8.8000,
16.7360

 43.8210, 27.5910,
56.1590

254.4130, 0.2750,
0.5230

 32.5990, 18.9280,
42.4480

 21.0780, 9.6690,

28.5250

■ 7.5070, -5.3210,
13.8390

■ 1.3680, -3.8520,
3.7320

■ 143.0310, 54.8640,
96.0480

■ 143.0310, 54.8640,
96.0480

■ 127.6550, 62.3350,
109.3350

■ 157.8200, 47.6680,
83.2840

■ 112.8660, 69.5310,
122.0990

■ 173.1960, 40.1970,
69.9970

■ 103.9470, 73.9770,
129.6330

■ 188.0990, 32.6800,
57.5440

■ 203.4750, 25.2090,
44.2570

■ 218.2640, 18.0130,
31.4930

■ 233.6400, 10.5420,
18.2060

■ 248.4290, 3.3460,
5.4420

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



143.0650, -41.0420, 38.9740



143.0310, 54.8640, 96.0480



94.3710, 100.9410, 103.5090

Triad

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



143.0310, 54.8640, 96.0480



143.3760, 70.4770, -38.2830



138.8900, -129.2900, -24.7300

Complementary

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



143.0310, 54.8640, 96.0480



177.9690, -54.8640, -96.0480

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.



127.9290, -99.8040, -52.5080



143.0310, 54.8640, 96.0480



129.3690, 9.3200, -69.8160

Square

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



143.0310, 54.8640, 96.0480



139.3420, 121.6840, -2.6360



113.5940, -66.3290, -80.9930



137.0780, -132.4550, -16.9270

Rectangle

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



143.0310, 54.8640, 96.0480



87.6450, 119.8800, 85.1600



113.5940, -66.3290, -80.9930



135.5840, -119.9810, -33.7490

Sweetspot

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



143.0310, 54.8640, 96.0480



221.7860, 16.3630, 28.3550



89.3400, -57.0930, 60.0510



107.8140, 9.9920, 17.1600



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.



143.0310, 54.8640, 96.0480



120.4970, 65.9560, 115.3000



132.5430, 84.3960, 67.4360



120.2550, 3.8960, 6.4880



77.8570, 55.4140, 97.0940



26.0900, 18.5630, 32.5390

Inverse Universe

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



143.0310, 54.8640, 96.0480



120.4970, 65.9560, 115.3000



188.4570, -84.3960, -67.4360



120.2550, 3.8960, 6.4880



77.8570, 55.4140, 97.0940



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 143.0310, 54.8640, 96.0480 looks on a white background.

Color Contrast Check

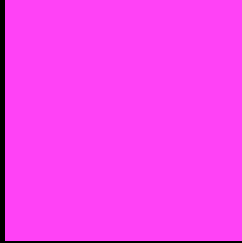
Large Text (above 18pt) WCAG AA × Fail

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 143.0310, 54.8640, 96.0480 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 143.0310, 54.8640, 96.0480

Background



This preview shows how black text looks on a background with the YIQ color 143.0310, 54.8640, 96.0480.



This preview shows how white text looks on a background with the YIQ color 143.0310, 54.8640,

96.0480.

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

143.0310, 54.8640, 96.0480

Protanopia

149.1130, -59.3330, 23.5390

Deuteranopia

149.8720, -48.6490, 17.1350



Tritanopia

150.7820, 74.9120, 30.0480

Trichromacy



Original Color

143.0310, 54.8640, 96.0480



Protanomaly

146.7200, -17.6610, 50.2670



Deuteranomaly

147.4940, -11.3330, 45.7150



Tritanomaly

148.1290, 67.5260, 53.7820

Monochromacy



Original Color

143.0310, 54.8640, 96.0480



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

143.0410, 20.2590, 34.8430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.0310, 54.8640, 96.0480 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, 66, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 246)  
}
```

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, 66, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 246) }
```

Border

The CSS property to change the border of an element to YIQ 143.0310, 54.8640, 96.0480 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, 66, 246) }
```


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

```
.border{ border-color:rgb(255, 66, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 143.0310, 54.8640, 96.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 246) }
```

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

```
.background{ background-color: rgb(255, 66,  
246) }
```

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