

Converting Colors

YIQ(155.1110, 33.5470, 80.3870)

Have a look what the booklet for
YIQ(155.1110, 33.5470, 80.3870)
contains.

YIQ(155.1110, 33.5470, 80.3870)	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(155.1110, 33.5470,
80.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5EFF
RGB	237, 94, 255
RGB Percent	93%, 37%, 100%
CMY	0.0701, 0.6316, 0.0000
CMYK	0.07, 0.63, 0.00, 0.00
HSL	293°, 100%, 68%
HSV	293°, 63%, 100%
XYZ	57.0100, 33.2387, 98.0187
YIQ	155.1110, 33.5470, 80.3870

Conversions

Conversions Part 2

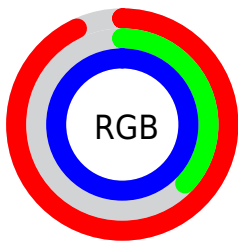
Format	Color
R _{YB}	237, 94, 255
Decimal	15556351
CIE Lab	64.35, 75.32, -54.57
CIE LCh	64, 93.012, 324.075
Yxy	33.2387, 0.3028, 0.1766
Android (android.graphics.Color)	4293746431 (0xFFED5EFF)
YUV	155.1110, 49.2453, 71.8167
Hunter-Lab	57.6530, 75.6164, -60.4448

Details

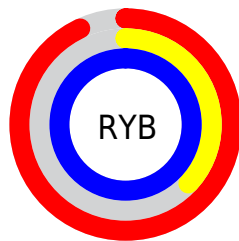
The YIQ color **155.1110, 33.5470, 80.3870** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **193.8890, -33.5470, -80.3870**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5390, 28.3250, 53.8690**, and **88.8820, 35.9300, 86.7620** is the 20% darker color. If you saturate the color by 10%, you get **138.9520, 38.9090, 93.3490**, and if you desaturate by 10%, it is **170.6830, 28.4600, 67.9480**.

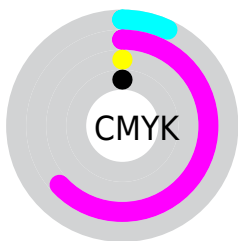
Distribution



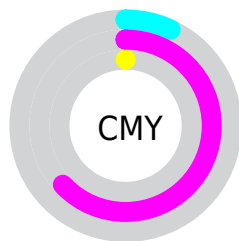
- Red (93%)
- Green (37%)
- Blue (100%)



- Red (93%)
- Yellow (37%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.1110, 33.5470, 80.3870 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 155.1110, 33.5470, 80.3870 by changing the saturation by 10% instead.


 155.1110, 33.5470,
80.3870


 155.1110, 33.5470,
80.3870


255.0000, -0.0000,
-0.0000


 124.6380, 33.5010,
81.2210


 194.5390, 28.3250,
53.8690


 89.1810, 36.5260,
86.9740


 212.1490, 20.0750,
38.1790


 63.6320, 33.6380,
84.2460

 229.1720, 12.1000,
23.0120

 52.1820, 25.6170,
69.9130

 246.7820, 3.8500,
7.3220

 40.4330, 17.0000,
55.3680

 29.2110, 8.3370,
41.6570

 18.1030, -0.6470,

28.2570

■ 4.9020, -13.8030,
13.3730

■ 2.9810, -7.0160,
6.0080

■ 155.1110, 33.5470,
80.3870

■ 155.1110, 33.5470,
80.3870

■ 138.9520, 38.9090,
93.3490

■ 170.6830, 28.4600,
67.9480

■ 123.3800, 43.9960,
105.7880

■ 186.8420, 23.0980,
54.9860

■ 107.5200, 49.9540,
118.9620

■ 202.4140, 18.0110,
42.5470

■ 96.9430, 53.4370,
127.4290

■ 218.2740, 12.0530,
29.3730

■ 233.8460, 6.9660,
16.9340

■ 250.0050, 1.6040,
3.9720

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.



142.0360, -60.4340, 26.9740



155.1110, 33.5470, 80.3870



118.6150, 85.0340, 88.9220

Triad

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



155.1110, 33.5470, 80.3870



146.6870, 79.9670, -34.0570



137.4250, -123.7870, -30.8510

Complementary

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



155.1110, 33.5470, 80.3870



193.8890, -33.5470, -80.3870

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.



127.0340, -95.9060, -57.0740



155.1110, 33.5470, 80.3870



137.4530, 26.8790, -63.1450

Square

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



155.1110, 33.5470, 80.3870



139.6410, 122.2800, -2.4240



113.1380, -65.0450, -82.2370



138.8390, -133.2800, -18.4960

Rectangle

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



155.1110, 33.5470, 80.3870



112.3450, 102.6890, 71.8170



113.1380, -65.0450, -82.2370



134.2330, -114.7990, -39.5590

Sweetspot

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



155.1110, 33.5470, 80.3870



225.3290, 10.2200, 24.0440



123.5070, -56.9060, 40.1340



109.1940, 5.8660, 14.8420



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.



155.1110, 33.5470, 80.3870



134.5440, 40.2380, 96.7980



153.4250, 64.1770, 64.9210



119.7710, 2.3830, 6.3750



72.6040, 40.0090, 95.4410



24.3390, 13.4280, 31.9880

Inverse Universe

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



144.1910, 90.1780, 39.7300



121.5140, 108.5620, 47.9700



195.5750, -64.1770, -64.9210



119.0010, 7.4270, 3.0670



59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 155.1110, 33.5470, 80.3870 looks on a white background.

Color Contrast Check

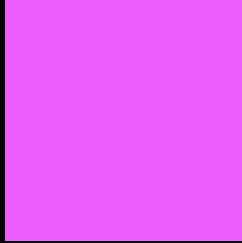
Large Text (above 18pt) WCAG AA × Fail

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 155.1110, 33.5470, 80.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

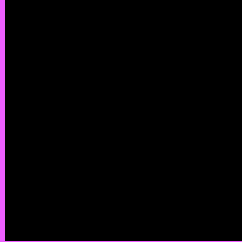
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.1110, 33.5470, 80.3870

Background



This preview shows how black text looks on a background with the YIQ color 155.1110, 33.5470, 80.3870.



This preview shows how white text looks on a background with the YIQ color 155.1110, 33.5470,

80.3870.

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

155.1110, 33.5470, 80.3870

Protanopia

152.9670, -55.9860, 23.4540

Deuteranopia

151.9790, -56.2600, 17.4040



Tritanopia

157.8330, 52.5390, 22.5150

Trichromacy



Original Color

155.1110, 33.5470, 80.3870

Protanomaly

154.0950, -23.3910, 43.9770

Deuteranomaly

152.9870, -23.2070, 40.6410

Tritanomaly

156.5990, 45.2910, 43.7470

Monochromacy



Original Color

155.1110, 33.5470, 80.3870

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1600, 12.3740, 29.0620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.1110, 33.5470, 80.3870 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(237, 94, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 94, 255)  
}
```

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(237, 94, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 94, 255) }
```

Border

The CSS property to change the border of an element to YIQ 155.1110, 33.5470, 80.3870 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(237, 94, 255) }
```


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

```
.border{ border-color:rgb(237, 94, 255) }
```

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

Here you see how a box with a 4 pixel rgb(237, 94, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 94, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 94, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 94,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 155.1110, 33.5470, 80.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 94, 255) }
```

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

```
.background{ background-color: rgb(237, 94,  
255) }
```

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