

Converting Colors

YIQ(155.7320, 45.1000, 85.7720)

Have a look what the booklet for
YIQ(155.7320, 45.1000, 85.7720)
contains.

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Color

**YIQ(155.7320, 45.1000,
85.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	FC58FC
RGB	252, 88, 252
RGB Percent	99%, 35%, 99%
CMY	0.0113, 0.6551, 0.0117
CMYK	0.00, 0.65, 0.00, 0.01
HSL	300°, 97%, 67%
HSV	300°, 65%, 99%
XYZ	61.2473, 34.7162, 95.5793
YIQ	155.7320, 45.1000, 85.7720

Conversions

Conversions Part 2

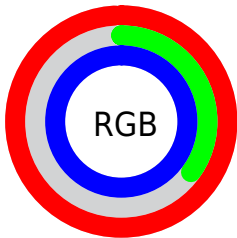
Format	Color
R _Y B	252, 88, 252
Decimal	16537852
CIE Lab	65.53, 80.46, -50.93
CIE LCh	66, 95.226, 327.665
Yxy	34.7162, 0.3198, 0.1812
Android (android.graphics.Color)	4294727932 (0xFFFC58FC)
YUV	155.7320, 47.4601, 84.4270
Hunter-Lab	58.9205, 82.4382, -54.9344

Details

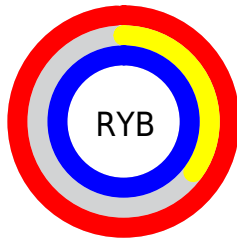
The YIQ color **155.7320, 45.1000, 85.7720** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **184.2680, -45.1000, -85.7720**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.7780, 29.1500, 55.4380**, and **79.6380, 51.8370, 101.3490** is the 20% darker color. If you saturate the color by 10%, you get **141.0570, 51.9750, 98.8470**, and if you desaturate by 10%, it is **170.4070, 38.2250, 72.6970**.

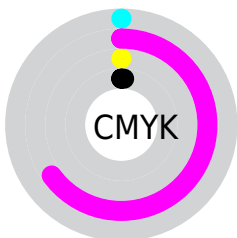
Distribution



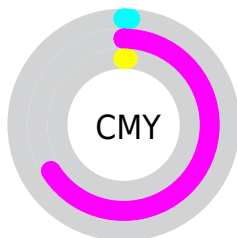
- Red (99%)
- Green (35%)
- Blue (99%)



- Red (99%)
- Yellow (35%)
- Blue (99%)



- Cyan (0%)
- Magenta (65%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (66%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.7320, 45.1000, 85.7720 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 155.7320, 45.1000, 85.7720 by changing the saturation by 10% instead.


 155.7320, 45.1000,
85.7720


 155.7320, 45.1000,
85.7720


255.0000, -0.0000,
-0.0000


 123.4980, 45.8790,
88.1750


 192.7780, 29.1500,
55.4380


 79.6380, 51.8370,
101.3490


 209.8010, 21.1750,
40.2710


 67.4760, 42.9450,
86.2810

 227.4110, 12.9250,
24.5810

 55.7270, 34.3280,
71.7360

 245.0210, 4.6750,
8.8910

 44.0920, 25.3900,
57.5020

 32.8700, 16.7270,
43.7910

 21.9470, 8.6600,

30.2920

■ 8.5610, -5.4130,
15.5070

■ 2.7530, -6.3740,
5.3860

■ 155.7320, 45.1000,
85.7720

■ 155.7320, 45.1000,
85.7720

■ 141.0570, 51.9750,
98.8470

■ 170.4070, 38.2250,
72.6970

■ 126.3820, 58.8500,
111.9220

■ 185.0820, 31.3500,
59.6220

■ 111.1200, 66.0000,
125.5200

■ 200.3440, 24.2000,
46.0240

■ 104.0760, 69.3000,
131.7960

■ 215.0190, 17.3250,
32.9490

229.6940, 10.4500,
19.8740

244.3690, 3.5750,
6.7990

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.



149.2340, -43.1960, 33.9560



155.7320, 45.1000, 85.7720



112.6480, 89.4350, 91.7630

Triad

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



155.7320, 45.1000, 85.7720



149.6000, 75.6580, -38.5660



141.4830, -129.7020, -28.2780

Complementary

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



155.7320, 45.1000, 85.7720



184.2680, -45.1000, -85.7720

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.



130.9780, -101.5000, -54.8120



155.7320, 45.1000, 85.7720



137.9850, 19.2690, -68.4030

Square

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



155.7320, 45.1000, 85.7720



143.7500, 120.3550, -6.0850



117.4410, -70.2720, -81.1200



140.6000, -134.1050, -20.0650

Rectangle

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



155.7320, 45.1000, 85.7720



113.1940, 104.4320, 67.7600



117.4410, -70.2720, -81.1200



138.2910, -120.7140, -36.9860

Sweetspot

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



155.7320, 45.1000, 85.7720



225.0630, 14.0250, 26.6730



106.6960, -52.6440, 51.0040



109.6890, 8.8460, 15.9020



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.



155.7320, 45.1000, 85.7720



138.1870, 54.7250, 104.0770



146.3840, 71.4220, 60.2700



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.



155.7320, 45.1000, 85.7720



138.1870, 54.7250, 104.0770



193.6160, -71.4220, -60.2700



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 155.7320, 45.1000, 85.7720 looks on a white background.

Color Contrast Check

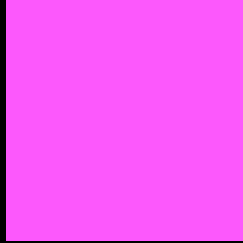
Large Text (above 18pt) WCAG AA × Fail

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 155.7320, 45.1000, 85.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

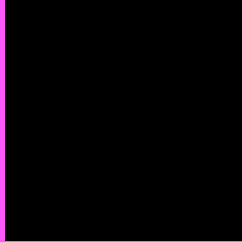
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.7320, 45.1000, 85.7720

Background



This preview shows how black text looks on a background with the YIQ color 155.7320, 45.1000, 85.7720.



This preview shows how white text looks on a background with the YIQ color 155.7320, 45.1000,

85.7720.

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

155.7320, 45.1000, 85.7720

Protanopia

156.2230, -53.8310, 22.9450

Deuteranopia

156.9860, -48.9700, 17.4460



Tritanopia

159.1120, 65.0550, 26.9670

Trichromacy



Original Color

155.7320, 45.1000, 85.7720



Protanomaly

155.7860, -18.0270, 45.8850



Deuteranomaly

156.5320, -14.4960, 42.4640



Tritanomaly

157.8780, 57.8070, 48.1990

Monochromacy



Original Color

155.7320, 45.1000, 85.7720



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

155.7800, 16.5000, 31.3800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7320, 45.1000, 85.7720 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, 88, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 88, 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, 88, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 88, 252) }
```

Border

The CSS property to change the border of an element to YIQ 155.7320, 45.1000, 85.7720 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, 88, 252) }
```


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

```
.border{ border-color:rgb(252, 88, 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, 88, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 88, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 88, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 88,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7320, 45.1000, 85.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 88, 252) }
```

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

```
.background{ background-color: rgb(252, 88,  
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](#).

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