

Converting Colors

YIQ(151.8700, 53.3990, 84.0470)

Have a look what the booklet for
YIQ(151.8700, 53.3990, 84.0470)
contains.

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Color

**YIQ(151.8700, 53.3990,
84.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	FF53EC
RGB	255, 83, 236
RGB Percent	100%, 33%, 93%
CMY	0.0000, 0.6748, 0.0744
CMYK	0.00, 0.67, 0.07, 0.00
HSL	307°, 100%, 66%
HSV	307°, 67%, 100%
XYZ	59.4715, 33.4930, 82.7053
YIQ	151.8700, 53.3990, 84.0470

Conversions

Conversions Part 2

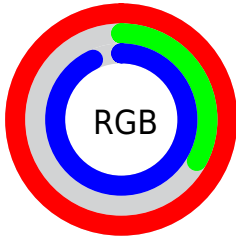
Format	Color
R _Y B	255, 83, 236
Decimal	16733164
CIE Lab	64.56, 80.42, -43.59
CIE LCh	65, 91.475, 331.542
Yxy	33.4930, 0.3385, 0.1907
Android (android.graphics.Color)	4294923244 (0xFFFF53EC)
YUV	151.8700, 41.4761, 90.4450
Hunter-Lab	57.8732, 82.1519, -44.2189

Details

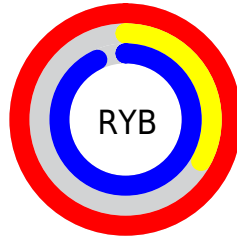
The YIQ color **151.8700, 53.3990, 84.0470** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **186.1300, -53.3990, -84.0470**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 30.5250, 58.0530**, and **78.5260, 57.8440, 97.1080** is the 20% darker color. If you saturate the color by 10%, you get **136.2660, 61.5120, 96.7120**, and if you desaturate by 10%, it is **166.8870, 45.5610, 71.9050**.

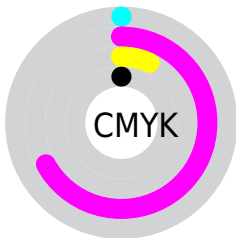
Distribution



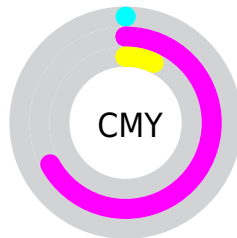
- Red (100%)
- Green (33%)
- Blue (93%)



- Red (100%)
- Yellow (33%)
- Blue (93%)



- Cyan (0%)
- Magenta (67%)
- Yellow (7%)
- Black (0%)




- Cyan (0%)
- Magenta (67%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.8700, 53.3990, 84.0470 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 151.8700, 53.3990, 84.0470 by changing the saturation by 10% instead.


 151.8700, 53.3990,
84.0470


 151.8700, 53.3990,
84.0470


255.0000, -0.0000,
-0.0000


 118.1630, 54.1320,
87.2840


 189.8430, 30.5250,
58.0530

 78.5260, 57.8440,
97.1080


 207.4530, 22.2750,
42.3630


 66.6630, 49.5480,
82.2520

 225.0630, 14.0250,
26.6730

 55.0280, 40.6100,
68.0180

 242.6730, 5.7750,
10.9830

 43.3930, 31.6720,
53.7840

 32.2850, 22.6880,
40.3840

 21.1770, 13.7040,

26.9840

■ 7.9050, -0.6900,
12.5100

■ 0.0000, 0.0000,
0.0000

■ 151.8700, 53.3990,
84.0470

■ 151.8700, 53.3990,
84.0470

■ 136.2660, 61.5120,
96.7120

■ 166.8870, 45.5610,
71.9050

■ 121.2490, 69.3500,
108.8540

■ 182.4910, 37.4480,
59.2400

■ 105.7590, 77.1420,
121.8300

■ 197.3940, 29.9310,
46.7870

■ 102.1230, 79.1130,
124.6570

■ 212.9980, 21.8180,
34.1220

■ 228.0150, 13.9800,
21.9800

■ 243.6190, 5.8670,
9.3150

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.



152.0020, -27.5630, 42.4930



151.8700, 53.3990, 84.0470



116.9220, 91.1790, 82.1790

Triad

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



151.8700, 53.3990, 84.0470



146.3000, 67.6350, -41.8450



139.5910, -129.8860, -24.9420

Complementary

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



151.8700, 53.3990, 84.0470



186.1300, -53.3990, -84.0470

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.



130.2430, -103.5640, -50.4440



151.8700, 53.3990, 84.0470



133.5110, 11.7960, -70.6360

Square

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



151.8700, 53.3990, 84.0470



145.1790, 114.5330, -10.7070



117.3900, -74.2620, -74.8860



137.0780, -132.4550, -16.9270

Rectangle

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



151.8700, 53.3990, 84.0470



120.7450, 103.8380, 56.4940



117.3900, -74.2620, -74.8860



137.2140, -121.8150, -33.5510

Sweetspot

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



151.8700, 53.3990, 84.0470



224.3790, 15.9510, 24.8070



107.6910, -45.0800, 57.0960



109.3470, 9.8090, 14.9690



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.



151.8700, 53.3990, 84.0470



130.8690, 64.3080, 101.1080



142.2940, 80.3630, 57.9230



120.1410, 4.2170, 6.1770



76.4890, 59.2660, 93.3620



25.6340, 19.8470, 31.2950

Inverse Universe

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



151.8700, 53.3990, 84.0470



130.8690, 64.3080, 101.1080



195.7060, -80.3630, -57.9230



120.1410, 4.2170, 6.1770



76.4890, 59.2660, 93.3620



25.6340, 19.8470, 31.2950

Previews

White Background



This preview shows how the YIQ color 151.8700, 53.3990, 84.0470 looks on a white background.

Color Contrast Check

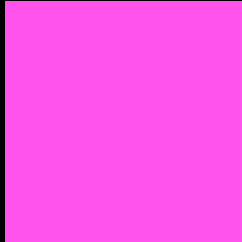
Large Text (above 18pt) WCAG AA × Fail

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 151.8700, 53.3990, 84.0470 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 151.8700, 53.3990, 84.0470

Background



This preview shows how black text looks on a background with the YIQ color 151.8700, 53.3990, 84.0470.



This preview shows how white text looks on a background with the YIQ color 151.8700, 53.3990,

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

151.8700, 53.3990, 84.0470

Protanopia

153.8530, -55.6650, 23.1430

Deuteranopia

155.5050, -37.3700, 16.4700



Tritanopia

155.5860, 72.5280, 29.2000

Trichromacy



Original Color

151.8700, 53.3990, 84.0470



Protanomaly

153.0420, -15.8720, 45.3760



Deuteranomaly

154.1540, -4.6840, 40.8520



Tritanomaly

154.2980, 65.3720, 48.7640

Monochromacy



Original Color

151.8700, 53.3990, 84.0470



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

151.9220, 18.9760, 30.5600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.8700, 53.3990, 84.0470 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, 83, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 236)  
}
```

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, 83, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 236) }
```

Border

The CSS property to change the border of an element to YIQ 151.8700, 53.3990, 84.0470 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, 83, 236) }
```


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

```
.border{ border-color:rgb(255, 83, 236) }
```

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

Here you see how a box with a 4 pixel rgb(255, 83, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 83,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 151.8700, 53.3990, 84.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 236) }
```

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

```
.background{ background-color: rgb(255, 83,  
236) }
```

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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