

Converting Colors

YIQ(151.0020, 35.4720, 84.0480)

Have a look what the booklet for
YIQ(151.0020, 35.4720, 84.0480)
contains.

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Color

**YIQ(151.0020, 35.4720,
84.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	ED57FF
RGB	237, 87, 255
RGB Percent	93%, 34%, 100%
CMY	0.0701, 0.6590, 0.0000
CMYK	0.07, 0.66, 0.00, 0.00
HSL	294°, 100%, 67%
HSV	294°, 66%, 100%
XYZ	56.4175, 32.0510, 97.8207
YIQ	151.0020, 35.4720, 84.0480

Conversions

Conversions Part 2

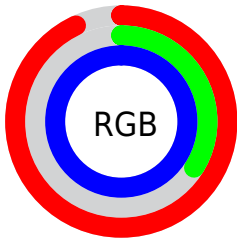
Format	Color
R _{YB}	237, 87, 255
Decimal	15554559
CIE _{Lab}	63.39, 78.03, -56.11
CIE _{LCh}	63, 96.110, 324.279
Yxy	32.0510, 0.3028, 0.1720
Android (android.graphics.Color)	4293744639 (0xFFED57FF)
YUV	151.0020, 51.2710, 75.4202
Hunter-Lab	56.6136, 78.8077, -62.8155

Details

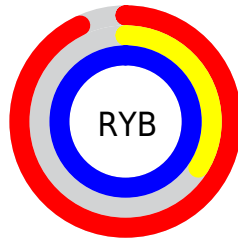
The YIQ color **151.0020, 35.4720, 84.0480** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **190.9980, -35.4720, -84.0480**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.0170, 29.9750, 57.0070**, and **75.3810, 42.2550, 98.7910** is the 20% darker color. If you saturate the color by 10%, you get **134.8430, 40.8340, 97.0100**, and if you desaturate by 10%, it is **166.5740, 30.3850, 71.6090**.

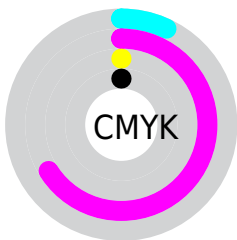
Distribution



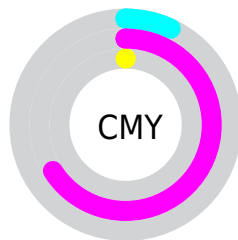
- Red (93%)
- Green (34%)
- Blue (100%)



- Red (93%)
- Yellow (34%)
- Blue (100%)



- Cyan (7%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.0020, 35.4720, 84.0480 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 151.0020, 35.4720, 84.0480 by changing the saturation by 10% instead.


 151.0020, 35.4720,
84.0480


 151.0020, 35.4720,
84.0480


255.0000, -0.0000,
-0.0000

 119.3550, 35.9760,
85.9280


 191.0170, 29.9750,
57.0070

 75.3810, 42.2550,
98.7910


 208.6270, 21.7250,
41.3170


 63.6320, 33.6380,
84.2460

 225.6500, 13.7500,
26.1500

 51.8830, 25.0210,
69.7010

 243.2600, 5.5000,
10.4600

 40.4330, 17.0000,
55.3680

 29.2110, 8.3370,
41.6570

 17.3910, -1.5180,

27.5220

■ 4.9020, -13.8030,
13.3730

■ 2.9810, -7.0160,
6.0080

■ 151.0020, 35.4720,
84.0480

■ 151.0020, 35.4720,
84.0480

■ 134.8430, 40.8340,
97.0100

■ 166.5740, 30.3850,
71.6090

■ 119.5700, 46.5170,
109.6610

■ 182.7330, 25.0230,
58.6470

■ 103.4110, 51.8790,
122.6230

■ 198.0060, 19.3400,
45.9960

■ 97.2420, 54.0330,
127.6410

■ 214.1650, 13.9780,
33.0340

■ 229.7370, 8.8910,
20.5950

■ 245.5970, 2.9330,
7.4210

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.



137.8830, -64.3770, 26.8470



151.0020, 35.4720, 84.0480



97.2550, 95.5760, 107.1280

Triad

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



151.0020, 35.4720, 84.0480



144.3280, 79.6000, -32.9120



136.2510, -123.2370, -29.8050

Complementary

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



151.0020, 35.4720, 84.0480



190.9980, -35.4720, -84.0480

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.



125.6320, -94.7140, -56.6500



151.0020, 35.4720, 84.0480



134.4850, 23.8530, -63.3710

Square

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



151.0020, 35.4720, 84.0480



136.7060, 123.6550, 0.1910



111.0520, -61.9270, -83.6790



137.6650, -132.7300, -17.4500

Rectangle

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



151.0020, 35.4720, 84.0480



92.5180, 113.0480, 87.8320



111.0520, -61.9270, -83.6790



133.0590, -114.2490, -38.5130

Sweetspot

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



151.0020, 35.4720, 84.0480



223.5680, 11.0450, 25.6130



117.8920, -59.4280, 41.7880



108.6070, 6.1410, 15.3650



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.



151.0020, 35.4720, 84.0480



130.7340, 42.7590, 100.6710



149.0880, 66.7440, 67.9600



119.7710, 2.3830, 6.3750



72.9030, 40.6050, 95.6530



24.3390, 13.4280, 31.9880

Inverse Universe

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



139.2840, 94.3500, 41.2140



116.4930, 113.0550, 49.1430



192.9120, -66.7440, -67.9600



119.0010, 7.4270, 3.0670



59.3890, 107.4160, 46.7120



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 151.0020, 35.4720, 84.0480 looks on a white background.

Color Contrast Check

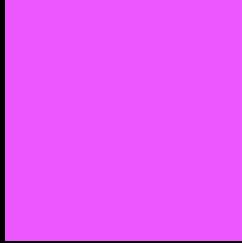
Large Text (above 18pt) WCAG AA × Fail

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 151.0020, 35.4720, 84.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

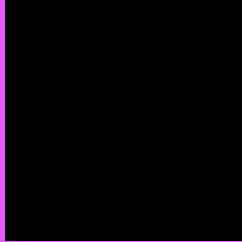
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.0020, 35.4720, 84.0480

Background



This preview shows how black text looks on a background with the YIQ color 151.0020, 35.4720, 84.0480.



This preview shows how white text looks on a background with the YIQ color 151.0020, 35.4720,

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

151.0020, 35.4720, 84.0480

Protanopia

149.7110, -58.1410, 23.9630

Deuteranopia

149.0110, -59.2860, 17.1780



Tritanopia

155.0290, 54.9230, 23.3630

Trichromacy



Original Color

151.0020, 35.4720, 84.0480



Protanomaly

150.2630, -23.8040, 45.9560



Deuteranomaly

150.0300, -24.7660, 41.3620

Tritanomaly

153.3220, 47.6290, 45.4290

Monochromacy



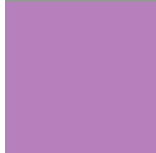
Original Color

151.0020, 35.4720, 84.0480



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.1000, 12.6030, 30.4190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0020, 35.4720, 84.0480 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(237, 87, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 87, 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, 87, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 87, 255) }
```

Border

The CSS property to change the border of an element to YIQ 151.0020, 35.4720, 84.0480 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(237, 87, 255) }
```


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

```
.border{ border-color:rgb(237, 87, 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, 87, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 87, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 87, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 87,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0020, 35.4720, 84.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 87, 255) }
```

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

```
.background{ background-color: rgb(237, 87,  
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](#).

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