

Converting Colors

YIQ(147.5370, 40.9750, 77.9270)

Have a look what the booklet for
YIQ(147.5370, 40.9750, 77.9270)
contains.

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Color

**YIQ(147.5370, 40.9750,
77.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	EB56EB
RGB	235, 86, 235
RGB Percent	92%, 34%, 92%
CMY	0.0780, 0.6630, 0.0784
CMYK	0.00, 0.63, 0.00, 0.08
HSL	300°, 79%, 63%
HSV	300°, 63%, 92%
XYZ	52.6186, 30.3261, 81.6866
YIQ	147.5370, 40.9750, 77.9270

Conversions

Conversions Part 2

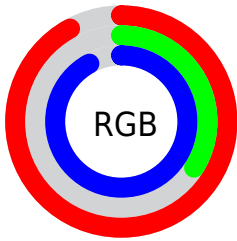
Format	Color
R _{YB}	235, 86, 235
Decimal	15423211
CIE _{Lab}	61.93, 74.63, -47.36
CIE _{LCh}	62, 88.388, 327.600
Yxy	30.3261, 0.3196, 0.1842
Android (android.graphics.Color)	4293613291 (0xFFEB56EB)
YUV	147.5370, 43.1193, 76.7051
Hunter-Lab	55.0691, 74.1859, -49.3992

Details

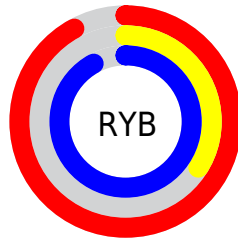
The YIQ color **147.5370, 40.9750, 77.9270** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **173.4630, -40.9750, -77.9270**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4300, 30.2500, 57.5300**, and **73.6170, 47.1620, 92.4580** is the 20% darker color. If you saturate the color by 10%, you get **133.4490, 47.5750, 90.4790**, and if you desaturate by 10%, it is **161.0380, 34.6500, 65.8980**.

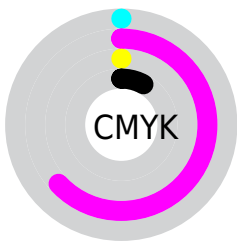
Distribution



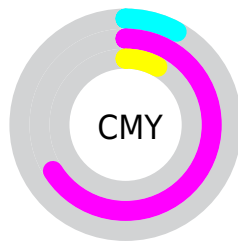
- Red (92%)
- Green (34%)
- Blue (92%)



- Red (92%)
- Yellow (34%)
- Blue (92%)



- Cyan (0%)
- Magenta (63%)
- Yellow (0%)
- Black (8%)





- Cyan (8%)
- Magenta (66%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.5370, 40.9750, 77.9270 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 147.5370, 40.9750, 77.9270 by changing the saturation by 10% instead.


 147.5370, 40.9750,
77.9270


 147.5370, 40.9750,
77.9270


255.0000, -0.0000,
-0.0000


 116.4770, 41.2040,
79.2840


 190.4300, 30.2500,
57.5300


 73.6170, 47.1620,
92.4580


 207.4530, 22.2750,
42.3630


 61.1670, 39.1410,
78.1250

 225.0630, 14.0250,
26.6730

 49.5320, 30.2030,
63.8910

 242.0860, 6.0500,
11.5060

 38.1960, 21.8610,
49.8690

 27.6860, 14.0690,
36.8930

 15.9800, 3.8930,

23.0690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 147.5370, 40.9750,
77.9270

■ 147.5370, 40.9750,
77.9270

■ 133.4490, 47.5750,
90.4790

■ 161.0380, 34.6500,
65.8980

■ 119.9480, 53.9000,
102.5080

■ 175.1260, 28.0500,
53.3460

■ 105.8600, 60.5000,
115.0600

■ 188.6270, 21.7250,
41.3170

■ 97.0550, 64.6250,
122.9050

■ 202.7150, 15.1250,
28.7650

216.8030, 8.5250,
16.2130

230.3040, 2.2000,
4.1840

244.3920, -4.4000,
-8.3680

246.7400, -5.5000,
-10.4600

Harmonies

Analogous

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



143.0430, -43.9760, 37.0800



147.5370, 40.9750, 77.9270



117.9650, 89.6200, 82.9000

Triad

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



147.5370, 40.9750, 77.9270



140.1420, 71.2560, -35.8800



132.6150, -121.2660, -26.9780

Complementary

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



147.5370, 40.9750, 77.9270



173.4630, -40.9750, -77.9270

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.



122.9080, -95.3110, -51.3350



147.5370, 40.9750, 77.9270



130.0330, 19.3140, -63.7100

Square

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



147.5370, 40.9750, 77.9270



137.5260, 115.1740, -5.8020



110.3970, -66.9720, -74.8440



133.5560, -130.8050, -13.7890

Rectangle

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



147.5370, 40.9750, 77.9270



116.7330, 104.1120, 62.5440



110.3970, -66.9720, -74.8440



129.6510, -112.9200, -35.0640

Sweetspot

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



147.5370, 40.9750, 77.9270



226.8240, 13.2000, 25.1040



102.9860, -47.8290, 46.3390



110.2760, 8.5710, 15.3790



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.



147.5370, 40.9750, 77.9270



141.1220, 53.3500, 101.4620



139.1010, 64.7290, 54.9130



110.5430, 3.0250, 5.7530



74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Inverse Universe

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



147.5370, 40.9750, 77.9270



141.1220, 53.3500, 101.4620



182.0130, -65.0500, -54.6020



110.5430, 3.0250, 5.7530



74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Previews

White Background



This preview shows how the YIQ color 147.5370, 40.9750, 77.9270 looks on a white background.

Color Contrast Check

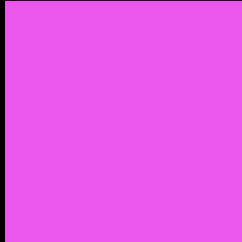
Large Text (above 18pt) WCAG AA × Fail

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 147.5370, 40.9750, 77.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

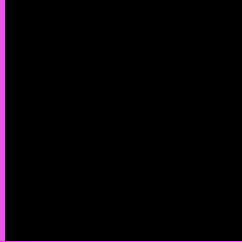
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.5370, 40.9750, 77.9270

Background



This preview shows how black text looks on a background with the YIQ color 147.5370, 40.9750, 77.9270.



This preview shows how white text looks on a background with the YIQ color 147.5370, 40.9750,

77.9270.

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

147.5370, 40.9750, 77.9270

Protanopia

145.8570, -61.4880, 24.0480

Deuteranopia

147.7970, -44.0640, 16.6400



Tritanopia

150.1220, 59.0950, 24.8470

Trichromacy



Original Color

147.5370, 40.9750, 77.9270



Protanomaly

146.4970, -24.5830, 43.5530



Deuteranomaly

147.6090, -13.3950, 39.0290



Tritanomaly

149.0190, 52.8560, 44.3120

Monochromacy



Original Color

147.5370, 40.9750, 77.9270



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

147.7150, 15.1250, 28.7650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.5370, 40.9750, 77.9270 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(235, 86, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 86, 235)  
}
```

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(235, 86, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 86, 235) }
```

Border

The CSS property to change the border of an element to YIQ 147.5370, 40.9750, 77.9270 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(235, 86, 235) }
```


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

```
.border{ border-color:rgb(235, 86, 235) }
```

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

Here you see how a box with a 4 pixel rgb(235, 86, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 86, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 86, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 86,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 147.5370, 40.9750, 77.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 86, 235) }
```

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

```
.background{ background-color: rgb(235, 86,  
235) }
```

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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