

Converting Colors

YIQ(152.5170, 43.7270, 72.1030)

Have a look what the booklet for
YIQ(152.5170, 43.7270, 72.1030)
contains.

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Color

**YIQ(152.5170, 43.7270,
72.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	EF5EE3
RGB	239, 94, 227
RGB Percent	94%, 37%, 89%
CMY	0.0623, 0.6316, 0.1097
CMYK	0.00, 0.61, 0.05, 0.06
HSL	305°, 82%, 65%
HSV	305°, 61%, 94%
XYZ	53.4984, 31.9114, 76.0259
YIQ	152.5170, 43.7270, 72.1030

Conversions

Conversions Part 2

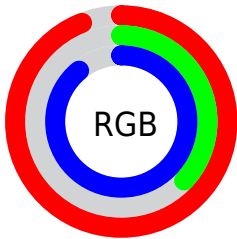
Format	Color
R _Y B	239, 94, 227
Decimal	15687395
CIE Lab	63.27, 71.15, -40.76
CIE LCh	63, 81.998, 330.193
Yxy	31.9114, 0.3314, 0.1977
Android (android.graphics.Color)	4293877475 (0xFFEF5EE3)
YUV	152.5170, 36.7201, 75.8456
Hunter-Lab	56.4902, 70.1886, -40.2509

Details

The YIQ color **152.5170, 43.7270, 72.1030** 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 **180.4830, -43.7270, -72.1030**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.5390, 28.3250, 53.8690**, and **88.5760, 45.2390, 77.7430** is the 20% darker color. If you saturate the color by 10%, you get **138.2010, 50.9690, 84.0330**, and if you desaturate by 10%, it is **166.8330, 36.4850, 60.1730**.

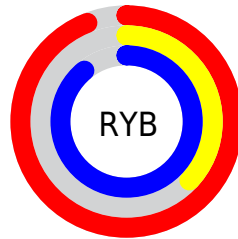
Distribution



Red (94%)

Green (37%)

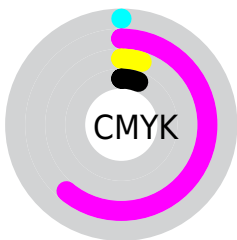
Blue (89%)



Red (94%)

Yellow (37%)

Blue (89%)

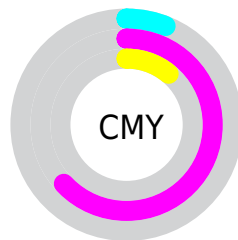


Cyan (0%)

Magenta (61%)

Yellow (5%)

Black (6%)



Cyan (6%)


Magenta (63%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.5170, 43.7270, 72.1030 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 152.5170, 43.7270, 72.1030 by changing the saturation by 10% instead.


 152.5170, 43.7270,
72.1030


 152.5170, 43.7270,
72.1030


255.0000, -0.0000,
-0.0000


 122.1580, 43.3600,
73.2480


 194.5390, 28.3250,
53.8690


 87.9890, 45.5140,
78.2660


 211.5620, 20.3500,
38.7020


 61.5650, 43.7720,
76.7960

 228.5850, 12.3750,
23.5350

 49.9300, 34.8340,
62.5620

 246.1950, 4.1250,
7.8450

 38.7080, 26.1710,
48.8510

 28.1980, 18.3790,
35.8750

 17.2040, 9.0740,

22.7860

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 152.5170, 43.7270,
72.1030

■ 152.5170, 43.7270,
72.1030

■ 138.2010, 50.9690,
84.0330

■ 166.8330, 36.4850,
60.1730

■ 123.8850, 58.2110,
95.9630

■ 181.1490, 29.2430,
48.2430

■ 109.5690, 65.4530,
107.8930

■ 195.4650, 22.0010,
36.3130

■ 96.4270, 72.1450,
118.7770

■ 209.7810, 14.7590,
24.3830

224.0970, 7.5170,
12.4530

237.8260, 0.5500,
1.0460

248.6200, -5.0420,
-7.7460

248.8480, -5.6840,
-7.1240

249.0760, -6.3260,
-6.5020

Harmonies

Analogous

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



150.7950, -31.4140, 40.6980



152.5170, 43.7270, 72.1030



132.1840, 84.0290, 68.5810

Triad

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



152.5170, 43.7270, 72.1030



143.0660, 68.4140, -39.4420



134.2450, -123.1000, -26.7800

Complementary

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



152.5170, 43.7270, 72.1030



180.4830, -43.7270, -72.1030

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.



125.9230, -99.6670, -49.4830



152.5170, 43.7270, 72.1030



132.9790, 19.4060, -65.3780

Square

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



152.5170, 43.7270, 72.1030



142.2000, 110.0400, -11.8800



114.2100, -73.5750, -70.8150



134.1430, -131.0800, -14.3120

Rectangle

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



152.5170, 43.7270, 72.1030



130.8210, 97.5120, 49.9920



114.2100, -73.5750, -70.8150



131.6230, -115.7170, -33.9330

Sweetspot

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



152.5170, 43.7270, 72.1030



227.5420, 13.9340, 22.8140



113.5200, -40.5850, 47.2150



110.6350, 8.9380, 14.2340



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.



152.5170, 43.7270, 72.1030



143.9940, 56.2860, 92.3020



144.5370, 66.1970, 50.3330



112.8420, 3.6210, 5.9650



74.1680, 55.7360, 91.2560



22.5580, 17.0050, 27.7330

Inverse Universe

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



152.5170, 43.7270, 72.1030



143.9940, 56.2860, 92.3020



188.4630, -66.1970, -50.3330



112.8420, 3.6210, 5.9650



74.1680, 55.7360, 91.2560



22.5580, 17.0050, 27.7330

Previews

White Background



This preview shows how the YIQ color 152.5170, 43.7270, 72.1030 looks on a white background.

Color Contrast Check

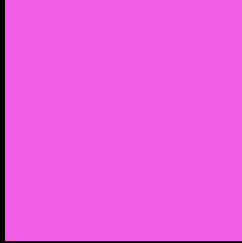
Large Text (above 18pt) WCAG AA × Fail

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 152.5170, 43.7270, 72.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

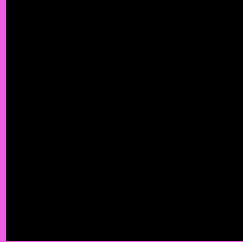
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.5170, 43.7270, 72.1030

Background



This preview shows how black text looks on a background with the YIQ color 152.5170, 43.7270, 72.1030.



This preview shows how white text looks on a background with the YIQ color 152.5170, 43.7270,

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

152.5170, 43.7270, 72.1030

Protanopia

149.7110, -58.1410, 23.9630

Deuteranopia

152.8320, -33.9770, 15.5510



Tritanopia

153.9050, 61.2040, 25.1720

Trichromacy



Original Color

152.5170, 43.7270, 72.1030



Protanomaly

150.8840, -21.4190, 41.2770



Deuteranomaly

152.9210, -5.6460, 36.2580



Tritanomaly

153.3350, 54.7820, 42.4460

Monochromacy



Original Color

152.5170, 43.7270, 72.1030



Achromatopsia

153.0000, 0.0000, -0.0000



Achromatomaly

153.0200, 15.5840, 25.9520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.5170, 43.7270, 72.1030 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(239, 94, 227)` looks like.

```
.text, #text, p{  
    color:rgb(239, 94, 227)  
}
```

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(239, 94, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 94, 227) }
```

Border

The CSS property to change the border of an element to YIQ 152.5170, 43.7270, 72.1030 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(239, 94, 227) }
```


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

```
.border{ border-color:rgb(239, 94, 227) }
```

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

Here you see how a box with a 4 pixel rgb(239, 94, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 94, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 94, 227);  
box-shadow:4px 4px 4px 4px rgb(239, 94,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 152.5170, 43.7270, 72.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 94, 227) }
```

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

```
.background{ background-color: rgb(239, 94,  
227) }
```

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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