

Converting Colors

YIQ(139.9720, 77.4330, 33.9210)

Have a look what the booklet for
YIQ(139.9720, 77.4330, 33.9210)
contains.

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Color

**YIQ(139.9720, 77.4330,
33.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6170
RGB	235, 97, 112
RGB Percent	92%, 38%, 44%
CMY	0.0781, 0.6198, 0.5605
CMYK	0.00, 0.59, 0.52, 0.08
HSL	353°, 78%, 65%
HSV	353°, 59%, 92%
XYZ	41.4876, 27.3870, 18.4508
YIQ	139.9720, 77.4330, 33.9210

Conversions

Conversions Part 2

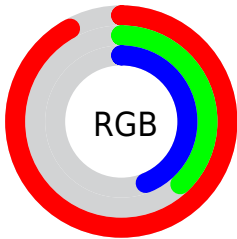
Format	Color
R _{YB}	235, 97, 112
Decimal	15425904
CIE Lab	59.33, 54.58, 19.21
CIE LCh	59, 57.861, 19.386
Yxy	27.3870, 0.4751, 0.3136
Android (android.graphics.Color)	4293615984 (0xFFEB6170)
YUV	139.9720, -13.7902, 83.3396
Hunter-Lab	52.3326, 49.9267, 15.7290

Details

The YIQ color **139.9720, 77.4330, 33.9210** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **192.0280, -77.4330, -33.9210**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1650, 57.5360, 25.5680**, and **82.2150, 72.4350, 36.3950** is the 20% darker color. If you saturate the color by 10%, you get **123.4900, 90.7740, 39.9420**, and if you desaturate by 10%, it is **155.8670, 64.3670, 28.4230**.

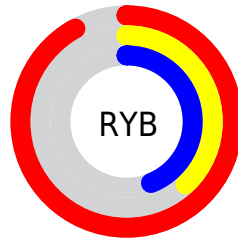
Distribution



Red (92%)

Green (38%)

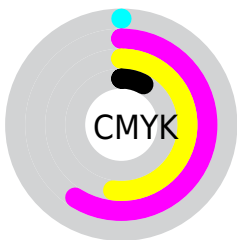
Blue (44%)



Red (92%)

Yellow (38%)

Blue (44%)

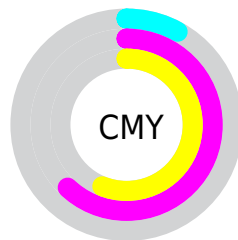


Cyan (0%)

Magenta (59%)

Yellow (52%)

Black (8%)



Cyan (8%)


Magenta (62%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.9720, 77.4330, 33.9210 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 139.9720, 77.4330, 33.9210 by changing the saturation by 10% instead.


 139.9720, 77.4330,
33.9210


 139.9720, 77.4330,
33.9210


255.0000, -0.0000,
-0.0000

 111.5310, 74.3610,
34.5290


 184.1650, 57.5360,
25.5680


 82.3290, 72.1140,
36.7060


 204.2660, 40.8940,
18.7980


 47.9580, 72.0210,
43.9010

 223.7800, 24.5270,
12.5510

 36.7080, 60.5610,
31.3210

 244.1090, 7.2430,
6.4030

 25.7140, 51.2560,
18.2320

 17.8690, 34.5220,
13.1300

 5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 139.9720, 77.4330,
33.9210

■ 139.9720, 77.4330,
33.9210

■ 123.4900, 90.7740,
39.9420

■ 155.8670, 64.3670,
28.4230

■ 107.5950,
103.8400, 45.4400

■ 172.3490, 51.0260,
22.4020

■ 91.1130, 117.1810,
51.4610

■ 188.2440, 37.9600,
16.9040

■ 75.2180, 130.2470,
56.9590

■ 204.7260, 24.6190,
10.8830

■ 73.2290, 131.7140,
57.9060

■ 220.6210, 11.5530,
5.3850

■ 237.1030, -1.7880,
-0.6360

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



143.0950, 55.6980, 47.8740



139.9720, 77.4330, 33.9210



140.0370, 77.6670, 7.6430

Triad

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



139.9720, 77.4330, 33.9210



125.2540, -23.0080, -45.6000



118.1000, -120.3530, -4.9690

Complementary

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



139.9720, 77.4330, 33.9210



192.0280, -77.4330, -33.9210

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.



121.2340, -115.3990, -17.6630



139.9720, 77.4330, 33.9210



111.3500, -84.8120, -48.8760

Square

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



139.9720, 77.4330, 33.9210



133.4160, 29.4420, -37.9980



117.9790, -102.1000, -32.9160



140.5550, -48.8340, 25.9980

Rectangle

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



139.9720, 77.4330, 33.9210



138.6530, 69.2800, -11.0720



117.9790, -102.1000, -32.9160



119.8780, -119.8480, -8.6160

Sweetspot

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



139.9720, 77.4330, 33.9210



223.3240, 25.8110, 11.3070



149.2100, 28.4140, 68.7820



108.1270, 16.0000, 7.3920



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.



139.9720, 77.4330, 33.9210



130.3990, 101.4560, 44.5920



169.3730, 67.6730, 1.5370



109.4030, 6.2350, 2.6430



56.3990, 101.4560, 44.5920



16.8300, 30.2580, 13.3140

Inverse Universe

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



139.9720, 77.4330, 33.9210



130.3990, 101.4560, 44.5920



162.6270, -67.6730, -1.5370



109.4030, 6.2350, 2.6430



56.3990, 101.4560, 44.5920



16.8300, 30.2580, 13.3140

Previews

White Background



This preview shows how the YIQ color 139.9720, 77.4330, 33.9210 looks on a white background.

Color Contrast Check

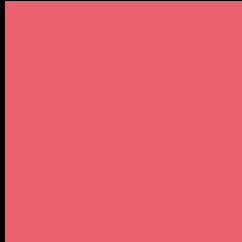
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9720, 77.4330, 33.9210 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 × Fail

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

YIQ 139.9720, 77.4330, 33.9210

Background



This preview shows how black text looks on a background with the YIQ color 139.9720, 77.4330, 33.9210.



This preview shows how white text looks on a background with the YIQ color 139.9720, 77.4330,

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

139.9720, 77.4330, 33.9210

Protanopia

143.4690, 5.8690, -1.7390

Deuteranopia

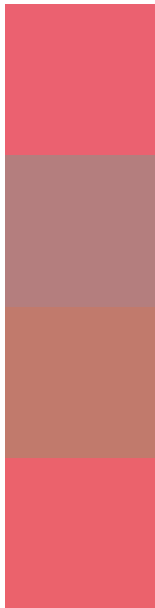
143.0340, 29.0230, -2.8570



Tritanopia

139.7610, 79.4050, 31.2210

Trichromacy



Original Color

139.9720, 77.4330, 33.9210

Protanomaly

142.1460, 32.1840, 11.4480

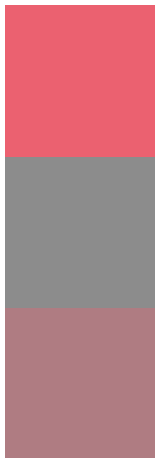
Deuteranomaly

141.6330, 46.8100, 10.6980

Tritanomaly

140.1030, 78.4420, 32.1540

Monochromacy



Original Color

139.9720, 77.4330, 33.9210

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9330, 28.4700, 12.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.9720, 77.4330, 33.9210 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, 97, 112)` looks like.

```
.text, #text, p{  
    color:rgb(235, 97, 112)  
}
```

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, 97, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 97, 112) }
```

Border

The CSS property to change the border of an element to YIQ 139.9720, 77.4330, 33.9210 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, 97, 112) }
```


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

```
.border{ border-color:rgb(235, 97, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 97, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 97, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 97, 112);  
box-shadow:4px 4px 4px 4px rgb(235, 97,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 139.9720, 77.4330, 33.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 97, 112) }
```

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

```
.background{ background-color: rgb(235, 97,  
112) }
```

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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