

Converting Colors

YIQ(145.3970, 77.4340, 28.3940)

Have a look what the booklet for
YIQ(145.3970, 77.4340, 28.3940)
contains.

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Color

**YIQ(145.3970, 77.4340,
28.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	ED6A6C
RGB	237, 106, 108
RGB Percent	93%, 42%, 42%
CMY	0.0703, 0.5845, 0.5762
CMYK	0.00, 0.55, 0.54, 0.07
HSL	359°, 79%, 67%
HSV	359°, 55%, 93%
XYZ	42.8110, 29.3994, 17.6274
YIQ	145.3970, 77.4340, 28.3940

Conversions

Conversions Part 2

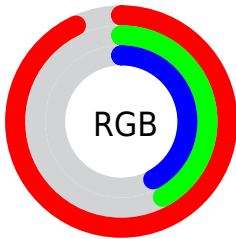
Format	Color
R _{YB}	237, 106, 108
Decimal	15559276
CIE _{Lab}	61.13, 50.81, 23.98
CIE _{LCh}	61, 56.183, 25.270
Yxy	29.3994, 0.4765, 0.3272
Android (android.graphics.Color)	4293749356 (0xFFED6A6C)
YUV	145.3970, -18.4367, 80.3358
Hunter-Lab	54.2212, 46.0498, 18.6796

Details

The YIQ color **145.3970, 77.4340, 28.3940** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **197.6030, -77.4340, -28.3940**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.8780, 56.6660, 19.3060**, and **89.5150, 71.2900, 29.6100** is the 20% darker color. If you saturate the color by 10%, you get **128.6870, 91.4170, 33.7930**, and if you desaturate by 10%, it is **162.1070, 63.4510, 22.9950**.

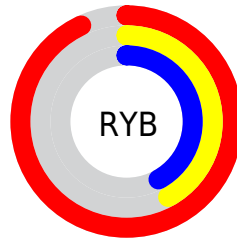
Distribution



Red (93%)

Green (42%)

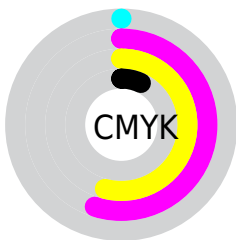
Blue (42%)



Red (93%)

Yellow (42%)

Blue (42%)

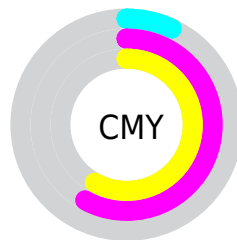


Cyan (0%)

Magenta (55%)

Yellow (54%)

Black (7%)



Cyan (7%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.3970, 77.4340, 28.3940 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 145.3970, 77.4340, 28.3940 by changing the saturation by 10% instead.


 145.3970, 77.4340,
28.3940


 145.3970, 77.4340,
28.3940


255.0000, -0.0000,
-0.0000


 117.5430, 74.0870,
28.4790


 188.8780, 56.6660,
19.3060


 89.5150, 71.2900,
29.6100


 208.3920, 40.2990,
13.0590


 58.6660, 69.5470,
33.6670

 228.6070, 23.3360,
6.6000

 36.8500, 63.0370,
30.5010

 248.9360, 6.0520,
0.4520

 26.3120, 52.4480,
18.6560

 18.1680, 35.1180,
13.3420

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 145.3970, 77.4340,
28.3940

■ 145.3970, 77.4340,
28.3940

■ 128.6870, 91.4170,
33.7930

■ 162.1070, 63.4510,
22.9950

■ 112.4500,
105.4460, 38.3580

■ 178.3440, 49.4220,
18.4300

■ 95.7400, 119.4290,
43.7570

■ 195.0540, 35.4390,
13.0310

■ 79.0300, 133.4120,
49.1560

■ 211.7640, 21.4560,
7.6320

■ 71.3190, 139.9680,
51.4880

■ 228.0010, 7.4270,
3.0670

■ 244.7110, -6.5560,
-2.3320

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



148.1400, 59.8250, 44.6650



145.3970, 77.4340, 28.3940



144.6080, 74.3210, 2.2010

Triad

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



145.3970, 77.4340, 28.3940



128.0940, -34.2410, -45.7690



119.1430, -121.9120, -4.2480

Complementary

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



145.3970, 77.4340, 28.3940



197.6030, -77.4340, -28.3940

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.



124.0210, -119.1130, -16.4330



145.3970, 77.4340, 28.3940



116.1090, -91.3230, -46.5150

Square

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



145.3970, 77.4340, 28.3940



137.6260, 20.0430, -38.3650



121.9230, -107.6940, -30.6540



148.5030, -33.8880, 30.4640

Rectangle

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



145.3970, 77.4340, 28.3940



143.0820, 63.4580, -15.6940



121.9230, -107.6940, -30.6540



121.6220, -122.0030, -8.1070

Sweetspot

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



145.3970, 77.4340, 28.3940



224.8570, 25.6280, 9.1160



159.5050, 34.8330, 68.0890



109.7740, 15.4960, 5.5120



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.



145.3970, 77.4340, 28.3940



137.4600, 99.4860, 36.2380



182.1500, 60.7510, -5.1770



109.2890, 6.5560, 2.3320



54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590

Inverse Universe

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



145.3970, 77.4340, 28.3940



137.4600, 99.4860, 36.2380



160.8500, -60.7510, 5.1770



109.2890, 6.5560, 2.3320



54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590

Previews

White Background



This preview shows how the YIQ color 145.3970, 77.4340, 28.3940 looks on a white background.

Color Contrast Check

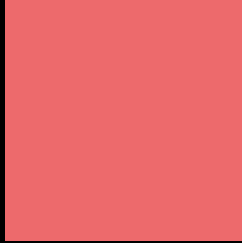
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.3970, 77.4340, 28.3940 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 145.3970, 77.4340, 28.3940

Background



This preview shows how black text looks on a background with the YIQ color 145.3970, 77.4340, 28.3940.



This preview shows how white text looks on a background with the YIQ color 145.3970, 77.4340,

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

145.3970, 77.4340, 28.3940

Protanopia

147.6990, 10.9130, -5.0470

Deuteranopia

147.9050, 33.7000, -5.0200



Tritanopia

145.2660, 76.4250, 30.1610

Trichromacy



Original Color

145.3970, 77.4340, 28.3940

Protanomaly

147.0660, 35.1650, 6.9810

Deuteranomaly

147.0800, 49.7450, 7.0650

Tritanomaly

145.1520, 76.7460, 29.8500

Monochromacy



Original Color

145.3970, 77.4340, 28.3940

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.1670, 27.6910, 10.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.3970, 77.4340, 28.3940 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, 106, 108)` looks like.

```
.text, #text, p{  
    color:rgb(237, 106, 108)  
}
```

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, 106, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 106, 108) }
```

Border

The CSS property to change the border of an element to YIQ 145.3970, 77.4340, 28.3940 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, 106, 108) }
```


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

```
.border{ border-color:rgb(237, 106, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 106, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 106, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 106, 108);  
box-shadow:4px 4px 4px 4px rgb(237, 106,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 145.3970, 77.4340, 28.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 106, 108) }
```

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

```
.background{ background-color: rgb(237,  
106, 108) }
```

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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