

Converting Colors

YIQ(142.3590, 80.5970, 31.6450)

Have a look what the booklet for
YIQ(142.3590, 80.5970, 31.6450)
contains.

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Color

**YIQ(142.3590, 80.5970,
31.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	EF646B
RGB	239, 100, 107
RGB Percent	94%, 39%, 42%
CMY	0.0624, 0.6080, 0.5801
CMYK	0.00, 0.58, 0.55, 0.06
HSL	357°, 81%, 66%
HSV	357°, 58%, 94%
XYZ	42.8351, 28.5320, 17.1816
YIQ	142.3590, 80.5970, 31.6450

Conversions

Conversions Part 2

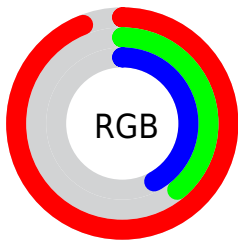
Format	Color
R_{YB}	239, 100, 107
Decimal	15688811
CIE _{Lab}	60.37, 54.18, 23.59
CIE _{LCh}	60, 59.093, 23.528
Yxy	28.5320, 0.4837, 0.3222
Android (android.graphics.Color)	4293878891 (0xFFEF646B)
YUV	142.3590, -17.4320, 84.7542
Hunter-Lab	53.4153, 49.6669, 18.3195

Details

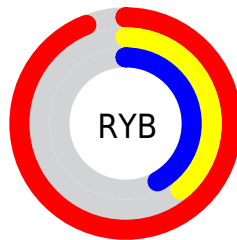
The YIQ color **142.3590, 80.5970, 31.6450** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **196.6410, -80.5970, -31.6450**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.2420, 58.6370, 22.1330**, and **85.3030, 75.0030, 33.9070** is the 20% darker color. If you saturate the color by 10%, you get **125.6490, 94.5800, 37.0440**, and if you desaturate by 10%, it is **159.0690, 66.6140, 26.2460**.

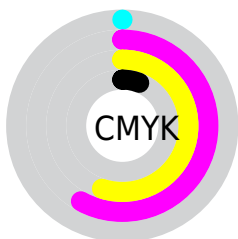
Distribution



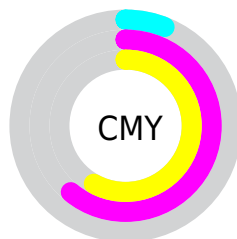
- Red (94%)
- Green (39%)
- Blue (42%)



- Red (94%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (6%)





- Cyan (6%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.3590, 80.5970, 31.6450 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 142.3590, 80.5970, 31.6450 by changing the saturation by 10% instead.


 142.3590, 80.5970,
31.6450


 142.3590, 80.5970,
31.6450


255.0000, -0.0000,
-0.0000


 113.9180, 77.5250,
32.2530


 185.2420, 58.6370,
22.1330

 85.3030, 75.0030,
33.9070


 205.3430, 41.9950,
15.3630


 48.2850, 75.4140,
42.9820

 224.9710, 25.3070,
9.4270

 37.3340, 64.5500,
30.6140

 245.7730, 8.0690,
2.4450

 26.3120, 52.4480,
18.6560

 18.4670, 35.7140,
13.5540

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 142.3590, 80.5970,
31.6450

■ 142.3590, 80.5970,
31.6450

■ 125.6490, 94.5800,
37.0440

■ 159.0690, 66.6140,
26.2460

■ 109.0530,
108.2420, 42.7540

■ 175.6650, 52.9520,
20.5360

■ 92.3430, 122.2250,
48.1530

■ 192.3750, 38.9690,
15.1370

■ 75.6330, 136.2080,
53.5520

■ 209.0850, 24.9860,
9.7380

■ 72.8290, 138.5920,
54.4000

■ 225.0940, 11.5990,
4.5510

■ 241.8040, -2.3840,
-0.8480

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



145.0310, 61.7500, 48.3260



142.3590, 80.5970, 31.6450



142.1140, 78.7680, 4.2080

Triad

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



142.3590, 80.5970, 31.6450



125.1110, -32.9110, -47.8470



119.3710, -122.5540, -3.6260

Complementary

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



142.3590, 80.5970, 31.6450



196.6410, -80.5970, -31.6450

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.



123.5480, -119.1590, -15.5990



142.3590, 80.5970, 31.6450



114.8380, -89.1220, -47.8580

Square

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



142.3590, 80.5970, 31.6450



135.3120, 23.8030, -40.4290



120.9940, -106.4560, -31.0640



145.0940, -39.9860, 30.8460

Rectangle

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



142.3590, 80.5970, 31.6450



140.5340, 67.9970, -15.3550



120.9940, -106.4560, -31.0640



121.2630, -122.3700, -6.9620

Sweetspot

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



142.3590, 80.5970, 31.6450



225.0850, 24.9860, 9.7380



154.7160, 32.8610, 70.7890



109.8880, 15.1750, 5.8230



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.



142.3590, 80.5970, 31.6450



131.2480, 103.1990, 40.5350



176.7810, 66.3440, -1.9120



111.5880, 7.1520, 2.5440



56.0420, 106.7750, 41.8070



17.0860, 32.4130, 12.8050

Inverse Universe

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



142.3590, 80.5970, 31.6450



131.2480, 103.1990, 40.5350



162.2190, -66.3440, 1.9120



111.5880, 7.1520, 2.5440



56.0420, 106.7750, 41.8070



17.0860, 32.4130, 12.8050

Previews

White Background



This preview shows how the YIQ color 142.3590, 80.5970, 31.6450 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 142.3590, 80.5970, 31.6450 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 142.3590, 80.5970, 31.6450

Background



This preview shows how black text looks on a background with the YIQ color 142.3590, 80.5970, 31.6450.



This preview shows how white text looks on a background with the YIQ color 142.3590, 80.5970,

31.6450.

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

142.3590, 80.5970, 31.6450

Protanopia

146.0410, 9.9500, -4.1140

Deuteranopia

145.7200, 32.7830, -4.9210



Tritanopia

142.3590, 80.5970, 31.6450

Trichromacy



Original Color

142.3590, 80.5970, 31.6450

Protanomaly

144.4190, 35.6690, 8.8610

Deuteranomaly

144.3190, 50.5700, 8.6340

Tritanomaly

142.3590, 80.5970, 31.6450

Monochromacy



Original Color

142.3590, 80.5970, 31.6450

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1780, 29.1580, 11.2220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.3590, 80.5970, 31.6450 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, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(239, 100, 107)  
}
```

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, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 100, 107) }
```

Border

The CSS property to change the border of an element to YIQ 142.3590, 80.5970, 31.6450 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, 100, 107) }
```


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

```
.border{ border-color:rgb(239, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(239, 100,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 142.3590, 80.5970, 31.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 100, 107) }
```

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

```
.background{ background-color: rgb(239,  
100, 107) }
```

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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