

Converting Colors

YIQ(122.9760, 97.9730, 36.1250)

Have a look what the booklet for
YIQ(122.9760, 97.9730, 36.1250)
contains.

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Color

**YIQ(122.9760, 97.9730,
36.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	EF494C
RGB	239, 73, 76
RGB Percent	94%, 29%, 30%
CMY	0.0624, 0.7140, 0.7016
CMYK	0.00, 0.69, 0.68, 0.06
HSL	359°, 84%, 61%
HSV	359°, 69%, 94%
XYZ	39.3167, 23.6474, 9.3477
YIQ	122.9760, 97.9730, 36.1250

Conversions

Conversions Part 2

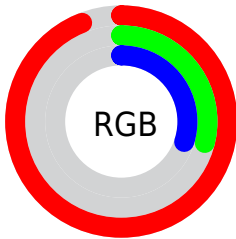
Format	Color
RYB	239, 73, 76
Decimal	15681868
CIELab	55.73, 63.35, 35.45
CIElCh	56, 72.597, 29.228
Yxy	23.6474, 0.5437, 0.3270
Android (android.graphics.Color)	4293871948 (0xFFEF494C)
YUV	122.9760, -23.1592, 101.7530
Hunter-Lab	48.6286, 59.2187, 22.6430

Details

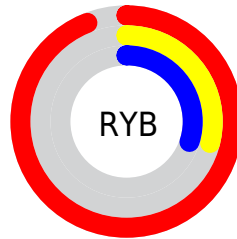
The YIQ color **122.9760, 97.9730, 36.1250** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **189.0240, -97.9730, -36.1250**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **167.3920, 75.8300, 24.4220**, and **55.9730, 94.0280, 47.0520** is the 20% darker color. If you saturate the color by 10%, you get **106.2660, 111.9560, 41.5240**, and if you desaturate by 10%, it is **139.8000, 83.6690, 31.0370**.

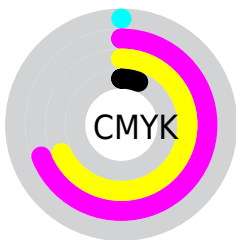
Distribution



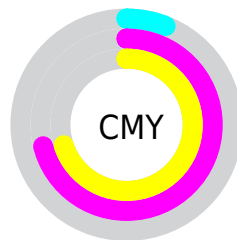
- Red (94%)
- Green (29%)
- Blue (30%)



- Red (94%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (69%)
- Yellow (68%)
- Black (6%)




- Cyan (6%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.9760, 97.9730, 36.1250 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 122.9760, 97.9730, 36.1250 by changing the saturation by 10% instead.


 122.9760, 97.9730,
36.1250


 122.9760, 97.9730,
36.1250


255.0000, -0.0000,
-0.0000


 91.4150, 95.3590,
39.4470


 167.3920, 75.8300,
24.4220


 56.2720, 94.6240,
47.2640


 187.3790, 59.5090,
17.3410

 44.1960, 82.6140,
33.6380


 207.4800, 42.8670,
10.5710

 33.7870, 67.3480,
23.9560

 227.6950, 25.9040,
4.1120

 24.9310, 49.1470,
17.9070

 248.4970, 8.6660,
-2.8700

 16.3740, 31.5420,
12.0700

 1.4950, 2.9800,

1.0600

■ 0.0000, 0.0000,
0.0000

■ 122.9760, 97.9730,
36.1250

■ 122.9760, 97.9730,
36.1250

■ 106.2660,
111.9560, 41.5240

■ 139.8000, 83.6690,
31.0370

■ 89.4420, 126.2600,
46.6120

■ 156.5100, 69.6860,
25.6380


■ 72.7320, 140.2430,
52.0110


■ 173.2200, 55.7030,
20.2390


■ 72.0310, 140.8390,
52.2230

■ 190.0440, 41.3990,
15.1510

■ 206.1670, 27.6910,
10.2750

 222.9910, 13.3870,
5.1870

 239.7010, -0.5960,
-0.2120

 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.



123.0110, 82.8380, 62.6300



122.9760, 97.9730, 36.1250



124.7500, 93.9920, -7.3840

Triad

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



122.9760, 97.9730, 36.1250



99.4550, -63.7190, -62.2070



112.4240, -120.9050, 5.0390

Complementary

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



122.9760, 97.9730, 36.1250



189.0240, -97.9730, -36.1250

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.



119.1600, -120.5820, -6.3260



122.9760, 97.9730, 36.1250



109.3270, -86.0050, -43.7730

Square

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



122.9760, 97.9730, 36.1250



116.1890, 19.1750, -55.6810



116.6230, -106.5490, -23.8690



133.6850, -36.9160, 41.2920

Rectangle

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



122.9760, 97.9730, 36.1250



126.0210, 73.4550, -26.1690



116.6230, -106.5490, -23.8690



115.9460, -122.5550, 1.9010

Sweetspot

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



122.9760, 97.9730, 36.1250



217.2600, 31.8630, 11.7590



140.0630, 42.6700, 85.7580



105.5680, 19.0720, 6.7840



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.



122.9760, 97.9730, 36.1250



106.8440, 125.0680, 46.1880



167.8330, 77.7610, -5.0790



111.5880, 7.1520, 2.5440



55.3580, 108.7010, 39.9410



16.8580, 33.0550, 12.1830

Inverse Universe

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



122.9760, 97.9730, 36.1250



106.8440, 125.0680, 46.1880



144.1670, -77.7610, 5.0790



111.5880, 7.1520, 2.5440



55.3580, 108.7010, 39.9410



16.8580, 33.0550, 12.1830

Previews

White Background



This preview shows how the YIQ color 122.9760, 97.9730, 36.1250 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 122.9760, 97.9730, 36.1250 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 122.9760, 97.9730, 36.1250

Background



This preview shows how black text looks on a background with the YIQ color 122.9760, 97.9730, 36.1250.



This preview shows how white text looks on a background with the YIQ color 122.9760, 97.9730,

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

122.9760, 97.9730, 36.1250

Protanopia

133.0000, 17.1950, -8.7650

Deuteranopia

132.1090, 41.6330, -11.1270



Tritanopia

122.9760, 97.9730, 36.1250

Trichromacy



Original Color

122.9760, 97.9730, 36.1250

Protanomaly

129.6390, 46.6730, 7.6730

Deuteranomaly

128.7840, 62.2620, 5.9900

Tritanomaly

122.9760, 97.9730, 36.1250

Monochromacy



Original Color

122.9760, 97.9730, 36.1250

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0540, 35.4390, 13.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9760, 97.9730, 36.1250 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, 73, 76)` looks like.

```
.text, #text, p{  
    color:rgb(239, 73, 76)  
}
```

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, 73, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 73, 76) }
```

Border

The CSS property to change the border of an element to YIQ 122.9760, 97.9730, 36.1250 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, 73, 76) }
```


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

```
.border{ border-color:rgb(239, 73, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 73, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 73, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 73, 76);  
box-shadow:4px 4px 4px 4px rgb(239, 73,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9760, 97.9730, 36.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 73, 76) }
```

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

```
.background{ background-color: rgb(239, 73,  
76) }
```

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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