

Converting Colors

YIQ(127.2470, 95.7720, 37.4680)

Have a look what the booklet for
YIQ(127.2470, 95.7720, 37.4680)
contains.

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Color

**YIQ(127.2470, 95.7720,
37.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	F24D55
RGB	242, 77, 85
RGB Percent	95%, 30%, 33%
CMY	0.0506, 0.6983, 0.6663
CMYK	0.00, 0.68, 0.65, 0.05
HSL	357°, 86%, 63%
HSV	357°, 68%, 95%
XYZ	40.9453, 24.8506, 11.2528
YIQ	127.2470, 95.7720, 37.4680

Conversions

Conversions Part 2

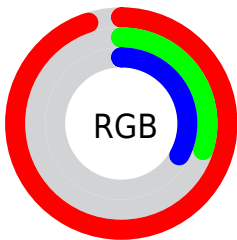
Format	Color
R_{YB}	242, 77, 85
Decimal	15879509
CIE Lab	56.93, 63.27, 31.88
CIE LCh	57, 70.851, 26.745
Yxy	24.8506, 0.5314, 0.3225
Android (android.graphics.Color)	4294069589 (0xFFFF24D55)
YUV	127.2470, -20.8278, 100.6384
Hunter-Lab	49.8504, 59.3750, 21.5117

Details

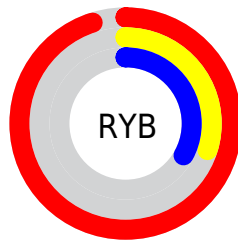
The YIQ color **127.2470, 95.7720, 37.4680** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **191.7530, -95.7720, -37.4680**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.8800, 71.5200, 25.4400**, and **58.0810, 93.8440, 50.3880** is the 20% darker color. If you saturate the color by 10%, you get **110.5370, 109.7550, 42.8670**, and if you desaturate by 10%, it is **143.9570, 81.7890, 32.0690**.

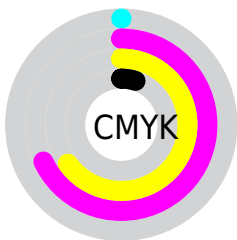
Distribution



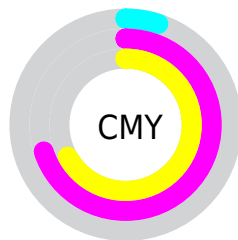
- Red (95%)
- Green (30%)
- Blue (33%)



- Red (95%)
- Yellow (30%)
- Blue (33%)



- Cyan (0%)
- Magenta (68%)
- Yellow (65%)
- Black (5%)




- Cyan (5%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.2470, 95.7720, 37.4680 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 127.2470, 95.7720, 37.4680 by changing the saturation by 10% instead.


 127.2470, 95.7720,
37.4680


 127.2470, 95.7720,
37.4680


255.0000, -0.0000,
-0.0000


 96.2730, 92.8830,
40.2670


 170.8800, 71.5200,
25.4400


 58.0810, 93.8440,
50.3880


 190.2800, 55.4740,
18.8820


 46.5320, 81.7880,
37.5960


 210.3810, 38.8320,
12.1120

 34.9830, 69.7320,
24.8040

 231.1830, 21.5940,
5.1300

 25.8280, 50.9350,
18.5430

 251.3980, 4.6310,
-1.3290

 17.2710, 33.3300,
12.7060

 5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 127.2470, 95.7720,
37.4680

■ 127.2470, 95.7720,
37.4680

■ 110.5370,
109.7550, 42.8670

■ 143.9570, 81.7890,
32.0690

■ 93.8270, 123.7380,
48.2660

■ 160.6670, 67.8060,
26.6700

■ 76.5300, 137.9960,
54.1880


■ 177.9640, 53.5480,
20.7480


■ 73.7260, 140.3800,
55.0360

■ 194.6740, 39.5650,
15.3490

■ 211.3840, 25.5820,
9.9500

 228.0940, 11.5990,
4.5510

 244.8040, -2.3840,
-0.8480

 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



128.6190, 78.0700, 60.9340



127.2470, 95.7720, 37.4680



129.7700, 91.2400, -1.5600

Triad

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



127.2470, 95.7720, 37.4680



100.6290, -64.2690, -63.2530



114.7720, -122.0050, 2.9470

Complementary

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



127.2470, 95.7720, 37.4680



191.7530, -95.7720, -37.4680

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.



120.6930, -120.7650, -8.5170



127.2470, 95.7720, 37.4680



110.8600, -86.1880, -45.9640

Square

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



127.2470, 95.7720, 37.4680



120.3530, 24.5850, -54.6070



118.0420, -106.4110, -26.3710



135.7550, -43.1050, 37.8150

Rectangle

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



127.2470, 95.7720, 37.4680



128.7010, 77.3520, -25.2080



118.0420, -106.4110, -26.3710



118.2940, -123.6550, -0.1910

Sweetspot

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



127.2470, 95.7720, 37.4680



219.5910, 29.4330, 11.7450



142.7530, 40.6070, 84.5990



106.3830, 18.1550, 6.8830



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.



127.2470, 95.7720, 37.4680



109.6310, 121.3540, 47.4180



169.7730, 77.9900, -3.7220



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.



127.2470, 95.7720, 37.4680



109.6310, 121.3540, 47.4180



149.2270, -77.9900, 3.7220



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 127.2470, 95.7720, 37.4680 looks on a white background.

Color Contrast Check

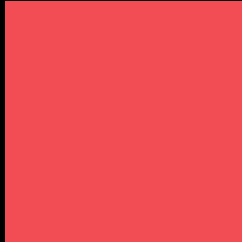
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.2470, 95.7720, 37.4680 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 127.2470, 95.7720, 37.4680

Background



This preview shows how black text looks on a background with the YIQ color 127.2470, 95.7720, 37.4680.



This preview shows how white text looks on a background with the YIQ color 127.2470, 95.7720,

37.4680.

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

127.2470, 95.7720, 37.4680

Protanopia

136.4990, 14.3520, -6.8000

Deuteranopia

135.4940, 39.1110, -9.4730



Tritanopia

127.4920, 96.4600, 36.0120

Trichromacy



Original Color

127.2470, 95.7720, 37.4680

Protanomaly

133.0240, 44.1510, 9.3270

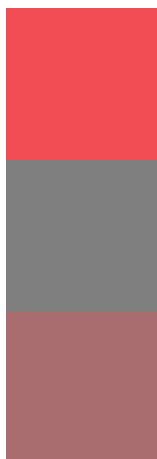
Deuteranomaly

132.1690, 59.7400, 7.6440

Tritanomaly

127.6060, 96.1390, 36.3230

Monochromacy



Original Color

127.2470, 95.7720, 37.4680

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2820, 34.7970, 13.6530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.2470, 95.7720, 37.4680 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(242, 77, 85)` looks like.

```
.text, #text, p{  
    color:rgb(242, 77, 85)  
}
```

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(242, 77, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 77, 85) }
```

Border

The CSS property to change the border of an element to YIQ 127.2470, 95.7720, 37.4680 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(242, 77, 85) }
```


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

```
.border{ border-color:rgb(242, 77, 85) }
```

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

Here you see how a box with a 4 pixel rgb(242, 77, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 77, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 77, 85);  
box-shadow:4px 4px 4px 4px rgb(242, 77,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 127.2470, 95.7720, 37.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 77, 85) }
```

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

```
.background{ background-color: rgb(242, 77,  
85) }
```

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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