

Converting Colors

YIQ(127.2800, 100.1730,
40.3090)

Have a look what the booklet for
YIQ(127.2800, 100.1730, 40.3090)
contains.

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Color

**YIQ(127.2800, 100.1730,
40.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	F84A55
RGB	248, 74, 85
RGB Percent	97%, 29%, 33%
CMY	0.0270, 0.7100, 0.6663
CMYK	0.00, 0.70, 0.66, 0.03
HSL	356°, 93%, 63%
HSV	356°, 70%, 97%
XYZ	42.8370, 25.5213, 11.2834
YIQ	127.2800, 100.1730, 40.3090

Conversions

Conversions Part 2

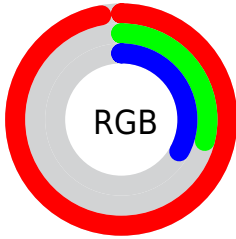
Format	Color
R_{YB}	248, 74, 85
Decimal	16271957
CIE Lab	57.58, 66.20, 32.92
CIE LCh	58, 73.931, 26.442
Yxy	25.5213, 0.5379, 0.3205
Android (android.graphics.Color)	4294462037 (0xFFFF84A55)
YUV	127.2800, -20.8440, 105.8714
Hunter-Lab	50.5186, 62.9504, 22.1206

Details

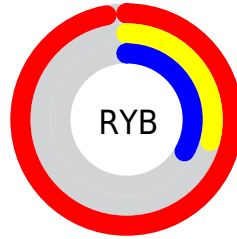
The YIQ color **127.2800, 100.1730, 40.3090** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **194.7200, -100.1730, -40.3090**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.7060, 72.0700, 26.4860**, and **59.5760, 96.8240, 51.4480** is the 20% darker color. If you saturate the color by 10%, you get **109.9830, 114.4310, 46.2310**, and if you desaturate by 10%, it is **144.5770, 85.9150, 34.3870**.

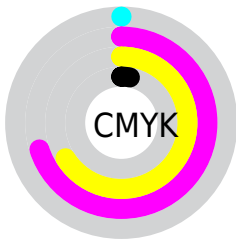
Distribution



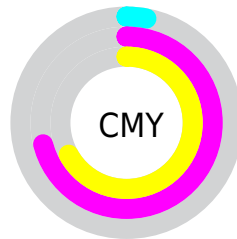
- Red (97%)
- Green (29%)
- Blue (33%)



- Red (97%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (66%)
- Black (3%)



- Cyan (3%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.2800, 100.1730, 40.3090 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 127.2800, 100.1730, 40.3090 by changing the saturation by 10% instead.


 127.2800,
100.1730, 40.3090


 127.2800,
100.1730, 40.3090


255.0000, -0.0000,
-0.0000


 95.1320, 97.8340,
44.1540


 169.7060, 72.0700,
26.4860


 59.5760, 96.8240,
51.4480


 189.6930, 55.7490,
19.4050


 48.0270, 84.7680,
38.6560


 209.7940, 39.1070,
12.6350

 36.4780, 72.7120,
25.8640

 230.0090, 22.1440,
6.1760

 27.3230, 53.9150,
19.6030

 250.8110, 4.9060,
-0.8060

 18.8800, 35.9890,
14.0770

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 127.2800,
100.1730, 40.3090

■ 127.2800,
100.1730, 40.3090

■ 109.9830,
114.4310, 46.2310

■ 144.5770, 85.9150,
34.3870

■ 92.6860, 128.6890,
52.1530


■ 161.9880, 71.3360,
28.7760

■ 75.9760, 142.6720,
57.5520

■ 178.6980, 57.3530,
23.3770

■ 195.9950, 43.0950,
17.4550

■ 213.2920, 28.8370,
11.5330

 230.5890, 14.5790,
5.6110

 248.0000, -0.0000,
-0.0000

 252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



128.4070, 81.7830, 65.2310



127.2800, 100.1730, 40.3090



130.1080, 96.1000, -1.5320

Triad

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



127.2800, 100.1730, 40.3090



102.0480, -64.1310, -65.7550



116.5330, -122.8300, 1.3780

Complementary

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



127.2800, 100.1730, 40.3090



194.7200, -100.1730, -40.3090

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.



123.1380, -123.5160, -8.2200



127.2800, 100.1730, 40.3090



112.0340, -86.7380, -47.0100

Square

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



127.2800, 100.1730, 40.3090



121.8260, 24.6310, -55.4410



120.1450, -108.1990, -27.0070



136.8410, -46.2230, 39.2570

Rectangle

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



127.2800, 100.1730, 40.3090



130.4840, 79.4610, -24.8830



120.1450, -108.1990, -27.0070



119.4680, -124.2050, -1.2370

Sweetspot

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



127.2800, 100.1730, 40.3090



217.6020, 30.9000, 12.6920



142.2740, 40.6980, 88.4580



105.7960, 18.4300, 7.4060



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.



127.2800, 100.1730, 40.3090



106.5820, 123.0500, 49.7220



170.0510, 83.0790, -2.3370



116.0010, 7.4270, 3.0670



57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Inverse Universe

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



127.2800, 100.1730, 40.3090



106.5820, 123.0500, 49.7220



151.9490, -83.0790, 2.3370



116.0010, 7.4270, 3.0670



57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 127.2800, 100.1730, 40.3090 looks on a white background.

Color Contrast Check

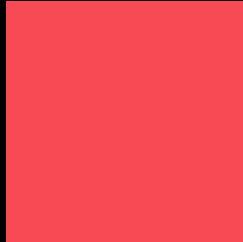
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.2800, 100.1730, 40.3090 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 127.2800, 100.1730, 40.3090

Background



This preview shows how black text looks on a background with the YIQ color 127.2800, 100.1730, 40.3090.



This preview shows how white text looks on a background with the YIQ color 127.2800, 100.1730, 40.3090.

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

127.2800, 100.1730, 40.3090

Protanopia

137.6130, 14.0310, -6.4890

Deuteranopia

136.6790, 40.0280, -9.5720



Tritanopia

127.1830, 101.8240, 37.9200

Trichromacy



Original Color

127.2800, 100.1730, 40.3090

Protanomaly

134.1490, 45.2970, 10.5850

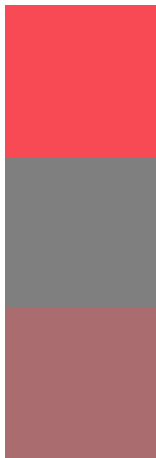
Deuteranomaly

133.3650, 62.1240, 8.4920

Tritanomaly

127.4110, 101.1820, 38.5420

Monochromacy



Original Color

127.2800, 100.1730, 40.3090

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2930, 36.2640, 14.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.2800, 100.1730, 40.3090 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(248, 74, 85)` looks like.

```
.text, #text, p{  
    color:rgb(248, 74, 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(248, 74, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 74, 85) }
```

Border

The CSS property to change the border of an element to YIQ 127.2800, 100.1730, 40.3090 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(248, 74, 85) }
```


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

```
.border{ border-color:rgb(248, 74, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 74, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 74, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 74, 85);  
box-shadow:4px 4px 4px 4px rgb(248, 74,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 127.2800, 100.1730, 40.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 74, 85) }
```

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

```
.background{ background-color: rgb(248, 74,  
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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