

Converting Colors

YIQ(129.9600, 104.0700,
41.2700)

Have a look what the booklet for
YIQ(129.9600, 104.0700, 41.2700)
contains.

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Color

**YIQ(129.9600, 104.0700,
41.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4B55
RGB	255, 75, 85
RGB Percent	100%, 29%, 33%
CMY	0.0000, 0.7061, 0.6663
CMYK	0.00, 0.71, 0.67, 0.00
HSL	357°, 100%, 65%
HSV	357°, 71%, 100%
XYZ	45.3948, 26.9394, 11.4231
YIQ	129.9600, 104.0700, 41.2700

Conversions

Conversions Part 2

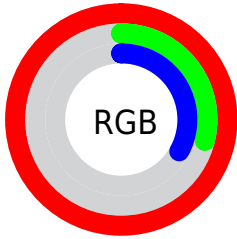
Format	Color
R_{YB}	255, 75, 85
Decimal	16730965
CIE _{Lab}	58.92, 67.91, 34.84
CIE _{LCh}	59, 76.327, 27.160
Yxy	26.9394, 0.5420, 0.3216
Android (android.graphics.Color)	4294921045 (0xFFFF4B55)
YUV	129.9600, -22.1653, 109.6601
Hunter-Lab	51.9032, 65.2862, 23.2834

Details

The YIQ color **129.9600, 104.0700, 41.2700** 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 **200.0400, -104.0700, -41.2700**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.2930, 71.7950, 25.9630**, and **61.6690, 100.9960, 52.9320** is the 20% darker color. If you saturate the color by 10%, you get **111.9620, 118.9240, 47.4040**, and if you desaturate by 10%, it is **147.3710, 89.4910, 35.6590**.

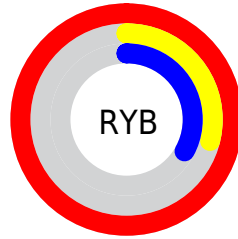
Distribution



Red (100%)

Green (29%)

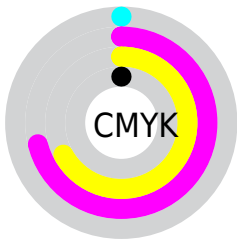
Blue (33%)



Red (100%)

Yellow (29%)

Blue (33%)

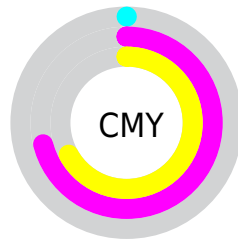


Cyan (0%)

Magenta (71%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (71%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.9600, 104.0700, 41.2700 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 129.9600, 104.0700, 41.2700 by changing the saturation by 10% instead.


 129.9600,
104.0700, 41.2700


 129.9600,
104.0700, 41.2700


255.0000, -0.0000,
-0.0000


 97.2250, 102.0060,
45.6380


 170.2930, 71.7950,
25.9630


 61.6690, 100.9960,
52.9320


 190.8670, 55.1990,
18.3590

 49.8210, 88.3440,
39.9280


 210.9680, 38.5570,
11.5890

 38.2720, 76.2880,
27.1360

 231.1830, 21.5940,
5.1300

 28.8180, 56.8950,
20.6630

 251.9850, 4.3560,
-1.8520

 20.3750, 38.9690,
15.1370

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 129.9600,
104.0700, 41.2700

■ 129.9600,
104.0700, 41.2700

■ 111.9620,
118.9240, 47.4040

■ 147.3710, 89.4910,
35.6590

■ 94.5510, 133.5030,
53.0150

■ 165.3690, 74.6370,
29.5250

■ 77.8410, 147.4860,
58.4140

■ 182.7800, 60.0580,
23.9140

■ 200.7780, 45.2040,
17.7800

■ 218.1890, 30.6250,
12.1690

236.1870, 15.7710,
6.0350

253.7120, 0.8710,
0.7350

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



130.1410, 85.5880, 67.8600



129.9600, 104.0700, 41.2700



132.7940, 99.8600, -3.5960

Triad

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



129.9600, 104.0700, 41.2700



104.6240, -65.8730, -67.2250



118.2940, -123.6550, -0.1910

Complementary

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



129.9600, 104.0700, 41.2700



200.0400, -104.0700, -41.2700

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.



126.3980, -127.1840, -7.8240



129.9600, 104.0700, 41.2700



115.5390, -89.7180, -48.0700

Square

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



129.9600, 104.0700, 41.2700



124.7610, 23.2560, -58.0560



123.2910, -111.5460, -26.9220



140.0970, -44.0680, 38.7480

Rectangle

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



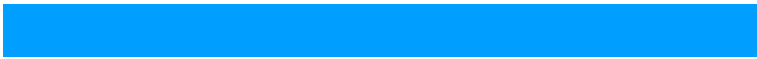
129.9600, 104.0700, 41.2700



133.1420, 80.4240, -25.8160



123.2910, -111.5460, -26.9220



121.8160, -125.3050, -3.3290

Sweetspot

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



129.9600, 104.0700, 41.2700



217.4880, 31.2210, 12.3810



145.7520, 42.3480, 91.5960



105.6820, 18.7510, 7.0950



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.



129.9600, 104.0700, 41.2700



104.2510, 125.4800, 49.7360



174.6060, 85.8300, -2.6340



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Inverse Universe

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



129.9600, 104.0700, 41.2700



104.2510, 125.4800, 49.7360



155.3940, -85.8300, 2.6340



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 129.9600, 104.0700, 41.2700 looks on a white background.

Color Contrast Check

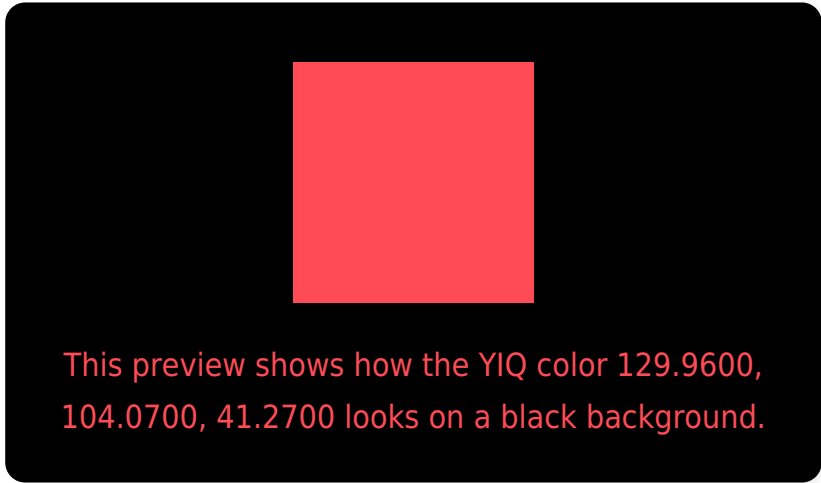
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 129.9600, 104.0700, 41.2700

Background



This preview shows how black text looks on a background with the YIQ color 129.9600, 104.0700, 41.2700.



This preview shows how white text looks on a background with the YIQ color 129.9600, 104.0700,

41.2700.

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

129.9600, 104.0700, 41.2700

Protanopia

141.1570, 15.3150, -7.7330

Deuteranopia

139.8210, 42.5040, -10.3920



Tritanopia

129.8630, 105.7210, 38.8810

Trichromacy



Original Color

129.9600, 104.0700, 41.2700

Protanomaly

137.4050, 47.4520, 10.0760

Deuteranomaly

136.0340, 64.5540, 8.5060

Tritanomaly

130.0910, 105.0790, 39.5030

Monochromacy



Original Color

129.9600, 104.0700, 41.2700

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8910, 37.4560, 15.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9600, 104.0700, 41.2700 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(255, 75, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 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(255, 75, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 85) }
```

Border

The CSS property to change the border of an element to YIQ 129.9600, 104.0700, 41.2700 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(255, 75, 85) }
```


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

```
.border{ border-color:rgb(255, 75, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 129.9600, 104.0700, 41.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 85) }
```

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

```
.background{ background-color: rgb(255, 75,  
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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