

Converting Colors

YIQ(96.0670, 114.7950, 61.6670)

Have a look what the booklet for
YIQ(96.0670, 114.7950, 61.6670)
contains.

YIQ(96.0670, 114.7950, 61.6670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(96.0670, 114.7950,
61.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	F4194A
RGB	244, 25, 74
RGB Percent	96%, 10%, 29%
CMY	0.0426, 0.9022, 0.7094
CMYK	0.00, 0.90, 0.70, 0.04
HSL	347°, 91%, 53%
HSV	347°, 90%, 96%
XYZ	38.9424, 20.4455, 8.3913
YIQ	96.0670, 114.7950, 61.6670

Conversions

Conversions Part 2

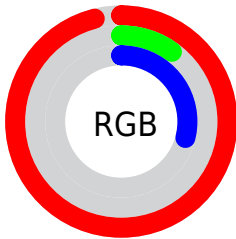
Format	Color
RYB	244, 25, 74
Decimal	15997258
CIELab	52.34, 76.81, 32.71
CIElCh	52, 83.482, 23.069
Yxy	20.4455, 0.5745, 0.3016
Android (android.graphics.Color)	4294187338 (0xFFFF4194A)
YUV	96.0670, -10.8790, 129.7372
Hunter-Lab	45.2167, 74.6020, 20.6487

Details

The YIQ color **96.0670, 114.7950, 61.6670** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **172.9330, -114.7950, -61.6670**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0270, 84.7680, 38.6560**, and **57.0550, 96.7330, 47.5890** is the 20% darker color. If you saturate the color by 10%, you get **79.8130, 127.4940, 68.3100**, and if you desaturate by 10%, it is **112.3210, 102.0960, 55.0240**.

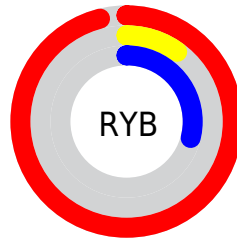
Distribution



Red (96%)

Green (10%)

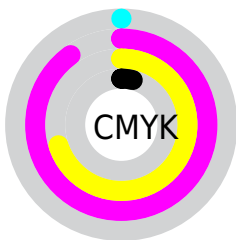
Blue (29%)



Red (96%)

Yellow (10%)

Blue (29%)

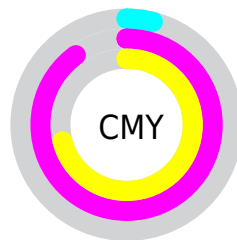


Cyan (0%)

Magenta (90%)

Yellow (70%)

Black (4%)



Cyan (4%)


Magenta (90%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.0670, 114.7950, 61.6670 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 96.0670, 114.7950, 61.6670 by changing the saturation by 10% instead.


 96.0670, 114.7950,
61.6670


 96.0670, 114.7950,
61.6670


255.0000, -0.0000,
-0.0000


 69.0170, 109.0640,
60.9040


 150.1410, 84.4470,
38.9670


 57.0550, 96.7330,
47.5890


 170.6010, 68.1720,
31.0520


 45.0930, 84.4020,
34.2740


 191.8760, 50.9800,
23.2360

 34.4990, 68.2190,
24.6910

 212.5640, 34.0630,
15.9430

 25.5720, 48.7800,
19.0520

 233.3660, 16.8250,
8.9610

 16.0750, 30.9460,
11.8580

253.8260, 0.5500,

 0.5980, 1.1920,

1.0460

0.4240

■ 0.0000, 0.0000,
0.0000

■ 96.0670, 114.7950,
61.6670

■ 96.0670, 114.7950,
61.6670

■ 79.8130, 127.4940,
68.3100

■ 112.3210,
102.0960, 55.0240

■ 79.2260, 127.7690,
68.8330

■ 129.1620, 89.1220,
47.8580

■ 145.4160, 76.4230,
41.2150

■ 162.2570, 63.4490,
34.0490

■ 178.5110, 50.7500,
27.4060

■ 194.7650, 38.0510,
20.7630

■ 211.6060, 25.0770,
13.5970

■ 227.8600, 12.3780,
6.9540

■ 244.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



88.2900, 96.4950, 95.9750



96.0670, 114.7950, 61.6670



112.1310, 106.4610, 3.4290

Triad

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



96.0670, 114.7950, 61.6670



89.3840, -47.7620, -70.5620



110.6630, -120.0800, 6.6080

Complementary

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



96.0670, 114.7950, 61.6670



172.9330, -114.7950, -61.6670

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.



115.9970, -118.5650, -4.3330



96.0670, 114.7950, 61.6670



101.7810, -75.7800, -47.3640

Square

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



96.0670, 114.7950, 61.6670



109.7210, 20.7330, -50.8750



111.3910, -100.0840, -25.3960



114.8250, -75.6570, 33.0390

Rectangle

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



96.0670, 114.7950, 61.6670



117.2380, 80.5140, -16.4300



111.3910, -100.0840, -25.3960



114.1850, -121.7300, 3.4700

Sweetspot

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



96.0670, 114.7950, 61.6670



208.4550, 35.9880, 19.6040



100.1980, 29.8290, 103.7250



100.2850, 21.5470, 11.4910



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.



96.0670, 114.7950, 61.6670



82.7430, 133.6830, 71.7870



124.5270, 114.5740, 16.0940



113.9300, 6.1890, 3.4770



60.4020, 97.3740, 52.4940



19.1230, 30.9910, 16.5510

Inverse Universe

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



96.0670, 114.7950, 61.6670



82.7430, 133.6830, 71.7870



144.4730, -114.5740, -16.0940



113.9300, 6.1890, 3.4770



60.4020, 97.3740, 52.4940



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 96.0670, 114.7950, 61.6670 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 96.0670, 114.7950, 61.6670 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 96.0670, 114.7950, 61.6670

Background



This preview shows how black text looks on a background with the YIQ color 96.0670, 114.7950, 61.6670.



This preview shows how white text looks on a background with the YIQ color 96.0670, 114.7950,

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

96.0670, 114.7950, 61.6670

Protanopia

125.1550, 9.6290, -3.8030

Deuteranopia

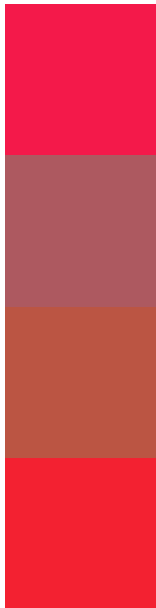
123.9670, 39.1570, -10.3070



Tritanopia

98.2520, 123.7390, 42.7390

Trichromacy



Original Color

96.0670, 114.7950, 61.6670

Protanomaly

114.9140, 47.8170, 19.9850

Deuteranomaly

113.4460, 66.5700, 16.0260

Tritanomaly

97.6140, 120.0240, 49.4960

Monochromacy



Original Color

96.0670, 114.7950, 61.6670

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9720, 41.9020, 22.5580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.0670, 114.7950, 61.6670 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(244, 25, 74)` looks like.

```
.text, #text, p{  
    color:rgb(244, 25, 74)  
}
```

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(244, 25, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 25, 74) }
```

Border

The CSS property to change the border of an element to YIQ 96.0670, 114.7950, 61.6670 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(244, 25, 74) }
```


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

```
.border{ border-color:rgb(244, 25, 74) }
```

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

Here you see how a box with a 4 pixel rgb(244, 25, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 25, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 25, 74);  
box-shadow:4px 4px 4px 4px rgb(244, 25,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 96.0670, 114.7950, 61.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 25, 74) }
```

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

```
.background{ background-color: rgb(244, 25,  
74) }
```

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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