

Converting Colors

YIQ(101.0820, 110.4390,
63.5190)

Have a look what the booklet for
YIQ(101.0820, 110.4390, 63.5190)
contains.

YIQ(101.0820, 110.4390, 63.5190)	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(101.0820, 110.4390,
63.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	F61E57
RGB	246, 30, 87
RGB Percent	96%, 12%, 34%
CMY	0.0347, 0.8826, 0.6584
CMYK	0.00, 0.88, 0.65, 0.03
HSL	344°, 92%, 54%
HSV	344°, 88%, 97%
XYZ	40.2416, 21.2319, 11.0156
YIQ	101.0820, 110.4390, 63.5190

Conversions

Conversions Part 2

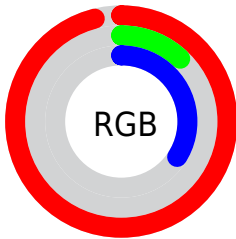
Format	Color
R_{YB}	246, 30, 87
Decimal	16129623
CIE _{Lab}	53.20, 77.16, 26.12
CIE _{LCh}	53, 81.463, 18.703
Yxy	21.2319, 0.5551, 0.2929
Android (android.graphics.Color)	4294319703 (0xFFFF61E57)
YUV	101.0820, -6.9424, 127.0931
Hunter-Lab	46.0781, 75.2536, 18.0806

Details

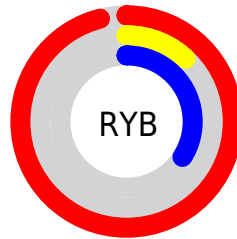
The YIQ color **101.0820, 110.4390, 63.5190** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **174.9180, -110.4390, -63.5190**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3840, 79.4490, 41.4410**, and **59.0210, 94.0730, 51.7450** is the 20% darker color. If you saturate the color by 10%, you get **84.3550, 123.0920, 70.9960**, and if you desaturate by 10%, it is **117.8090, 97.7860, 56.0420**.

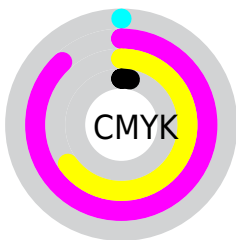
Distribution



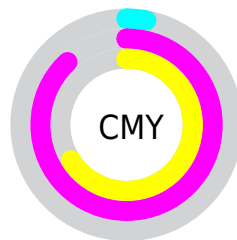
- Red (96%)
- Green (12%)
- Blue (34%)



- Red (96%)
- Yellow (12%)
- Blue (34%)



- Cyan (0%)
- Magenta (88%)
- Yellow (65%)
- Black (3%)





- Cyan (3%)
- Magenta (88%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.0820, 110.4390, 63.5190 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 101.0820, 110.4390, 63.5190 by changing the saturation by 10% instead.


 101.0820,
110.4390, 63.5190


 101.0820,
110.4390, 63.5190


255.0000, -0.0000,
-0.0000


 71.2820, 107.0000,
65.2720


 153.4980, 79.1280,
41.7520


 59.3200, 94.6690,
51.9570


 174.0720, 62.5320,
34.1480


 47.4720, 82.0170,
38.9530


 194.7600, 45.6150,
26.8550

 35.3960, 70.0070,
25.3270

 215.4480, 28.6980,
19.5620

 26.3550, 50.8890,
19.3770

 236.9510, 10.8640,
12.3680

 16.9720, 32.7340,
12.4940

 3.5880, 7.1520,

2.5440

■ 0.0000, 0.0000,
0.0000

■ 101.0820,
110.4390, 63.5190

■ 101.0820,
110.4390, 63.5190

■ 84.3550, 123.0920,
70.9960

■ 117.8090, 97.7860,
56.0420

■ 80.9640, 125.7510,
72.3670

■ 133.9490, 85.4080,
49.0880

■ 150.6760, 72.7550,
41.6110

■ 166.9300, 60.0560,
34.9680

■ 183.6570, 47.4030,
27.4910

200.3840, 34.7500,
20.0140

216.5240, 22.3720,
13.0600

233.2510, 9.7190,
5.5830

249.3910, -2.6590,
-1.3710

Harmonies

Analogous

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



106.6590, 81.7340, 82.6460



101.0820, 110.4390, 63.5190



114.3040, 107.6520, 9.3800

Triad

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



101.0820, 110.4390, 63.5190



88.4890, -43.8640, -75.1280



113.5980, -121.4550, 3.9930

Complementary

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



101.0820, 110.4390, 63.5190



174.9180, -110.4390, -63.5190

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.



116.8460, -116.8220, -8.3900



101.0820, 110.4390, 63.5190



102.0430, -73.7620, -50.8980

Square

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



101.0820, 110.4390, 63.5190



114.2060, 29.6730, -47.6950



111.5390, -97.7450, -29.2410



100.3960, -114.5340, 16.2340

Rectangle

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



101.0820, 110.4390, 63.5190



119.0540, 87.0240, -13.2640



111.5390, -97.7450, -29.2410



115.9460, -122.5550, 1.9010

Sweetspot

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



101.0820, 110.4390, 63.5190



210.6720, 33.8790, 19.2790



101.8660, 24.8320, 100.6720



101.1000, 20.6300, 11.5900



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.



101.0820, 110.4390, 63.5190



83.8830, 130.4730, 74.8970



123.9340, 114.9860, 19.6420



113.9300, 6.1890, 3.4770



61.2000, 95.1270, 54.6710



19.4650, 30.0280, 17.4840

Inverse Universe

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



101.0820, 110.4390, 63.5190



83.8830, 130.4730, 74.8970



152.0660, -114.9860, -19.6420



113.9300, 6.1890, 3.4770



61.2000, 95.1270, 54.6710



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 101.0820, 110.4390, 63.5190 looks on a white background.

Color Contrast Check

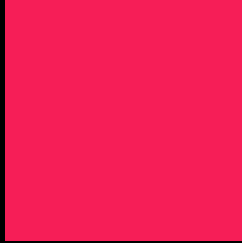
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.0820, 110.4390, 63.5190 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 101.0820, 110.4390, 63.5190

Background



This preview shows how black text looks on a background with the YIQ color 101.0820, 110.4390, 63.5190.



This preview shows how white text looks on a background with the YIQ color 101.0820, 110.4390, 63.5190.

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

101.0820, 110.4390, 63.5190

Protanopia

127.9680, 3.0260, 0.2260

Deuteranopia

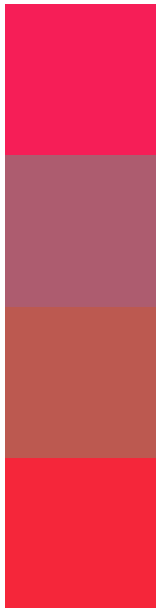
126.6230, 34.4340, -7.3100



Tritanopia

103.2840, 120.7130, 42.5130

Trichromacy



Original Color

101.0820, 110.4390, 63.5190

Protanomaly

118.3850, 42.1770, 23.0810

Deuteranomaly

117.5750, 61.8930, 18.1890

Tritanomaly

102.1730, 116.9520, 50.1040

Monochromacy



Original Color

101.0820, 110.4390, 63.5190

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.0150, 40.3430, 23.2790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.0820, 110.4390, 63.5190 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(246, 30, 87)` looks like.

```
.text, #text, p{  
    color:rgb(246, 30, 87)  
}
```

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(246, 30, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 30, 87) }
```

Border

The CSS property to change the border of an element to YIQ 101.0820, 110.4390, 63.5190 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(246, 30, 87) }
```


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

```
.border{ border-color:rgb(246, 30, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 30, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 30, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 30, 87);  
box-shadow:4px 4px 4px 4px rgb(246, 30,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 101.0820, 110.4390, 63.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 30, 87) }
```

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

```
.background{ background-color: rgb(246, 30,  
87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor