

Converting Colors

YIQ(99.2190, 111.3110, 58.7270)

Have a look what the booklet for
YIQ(99.2190, 111.3110, 58.7270)
contains.

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Color

**YIQ(99.2190, 111.3110,
58.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	F21F4C
RGB	242, 31, 76
RGB Percent	95%, 12%, 30%
CMY	0.0505, 0.8787, 0.7016
CMYK	0.00, 0.87, 0.69, 0.05
HSL	347°, 89%, 54%
HSV	347°, 87%, 95%
XYZ	38.4602, 20.3998, 8.7669
YIQ	99.2190, 111.3110, 58.7270

Conversions

Conversions Part 2

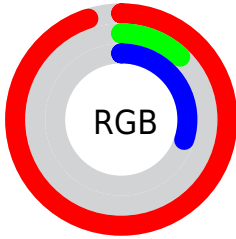
Format	Color
R_{YB}	242, 31, 76
Decimal	15867724
CIE _{Lab}	52.29, 75.49, 31.37
CIE _{LCh}	52, 81.746, 22.568
Yxy	20.3998, 0.5687, 0.3017
Android (android.graphics.Color)	4294057804 (0xFFFF21F4C)
YUV	99.2190, -11.4470, 125.2189
Hunter-Lab	45.1661, 72.9569, 20.1079

Details

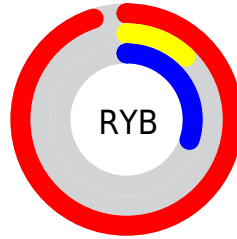
The YIQ color **99.2190, 111.3110, 58.7270** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **173.7810, -111.3110, -58.7270**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5430, 83.2550, 38.5430**, and **56.6850, 94.8990, 47.7870** is the 20% darker color. If you saturate the color by 10%, you get **82.9650, 124.0100, 65.3700**, and if you desaturate by 10%, it is **115.4730, 98.6120, 52.0840**.

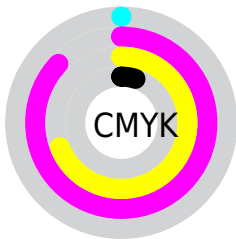
Distribution



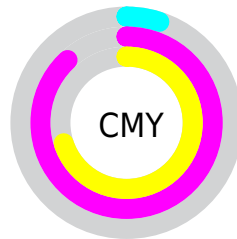
- Red (95%)
- Green (12%)
- Blue (30%)



- Red (95%)
- Yellow (12%)
- Blue (30%)



- Cyan (0%)
- Magenta (87%)
- Yellow (69%)
- Black (5%)





- Cyan (5%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.2190, 111.3110, 58.7270 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 99.2190, 111.3110, 58.7270 by changing the saturation by 10% instead.


 99.2190, 111.3110,
58.7270


 99.2190, 111.3110,
58.7270


255.0000, -0.0000,
-0.0000


 68.9460, 107.8260,
61.3140


 151.5430, 83.2550,
38.5430


 56.6850, 94.8990,
47.7870


 172.1170, 66.6590,
30.9390


 44.7230, 82.5680,
34.4720


 192.6910, 50.0630,
23.3350

 34.2000, 67.6230,
24.4790

 213.4930, 32.8250,
16.3530

 25.1590, 48.5050,
18.5290

 234.2950, 15.5870,
9.3710

 15.7760, 30.3500,
11.6460

 0.0000, 0.0000,

0.0000

■ 99.2190, 111.3110,
58.7270

■ 99.2190, 111.3110,
58.7270

■ 82.9650, 124.0100,
65.3700

■ 115.4730, 98.6120,
52.0840

■ 78.2860, 127.5400,
67.4760

■ 131.7270, 85.9130,
45.4410

■ 148.5680, 72.9390,
38.2750

■ 164.8220, 60.2400,
31.6320

■ 181.0760, 47.5410,
24.9890

■ 197.3300, 34.8420,
18.3460

213.5840, 22.1430,
11.7030

230.4250, 9.1690,
4.5370

246.6790, -3.5300,
-2.1060

Harmonies

Analogous

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



96.1980, 90.5820, 87.4940



99.2190, 111.3110, 58.7270



112.4190, 105.5900, 2.6940

Triad

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



99.2190, 111.3110, 58.7270



89.4980, -48.0830, -70.2510



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.



99.2190, 111.3110, 58.7270



173.7810, -111.3110, -58.7270

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.



115.5410, -117.2810, -5.5770



99.2190, 111.3110, 58.7270



101.6670, -75.4590, -47.6750

Square

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



99.2190, 111.3110, 58.7270



110.6180, 22.5210, -50.2390



110.5760, -99.1670, -25.4950



114.5260, -76.2530, 32.8270

Rectangle

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



99.2190, 111.3110, 58.7270



117.2380, 80.5140, -16.4300



110.5760, -99.1670, -25.4950



113.5980, -121.4550, 3.9930

Sweetspot

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



99.2190, 111.3110, 58.7270



210.3300, 34.8420, 18.3460



104.3890, 30.6090, 100.6010



100.8720, 21.2720, 10.9680



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.



99.2190, 111.3110, 58.7270



82.5150, 134.3250, 71.1650



129.3090, 109.2560, 13.3520



111.8160, 6.5100, 3.1660



59.4620, 97.1450, 51.1370



18.1120, 29.5240, 15.6040

Inverse Universe

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



99.2190, 111.3110, 58.7270



82.5150, 134.3250, 71.1650



143.6910, -109.2560, -13.3520



111.8160, 6.5100, 3.1660



59.4620, 97.1450, 51.1370



18.1120, 29.5240, 15.6040

Previews

White Background



This preview shows how the YIQ color 99.2190, 111.3110, 58.7270 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 99.2190, 111.3110, 58.7270 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 99.2190, 111.3110, 58.7270

Background



This preview shows how black text looks on a background with the YIQ color 99.2190, 111.3110, 58.7270.



This preview shows how white text looks on a background with the YIQ color 99.2190, 111.3110,

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

99.2190, 111.3110, 58.7270

Protanopia

125.0840, 8.3910, -3.3930

Deuteranopia

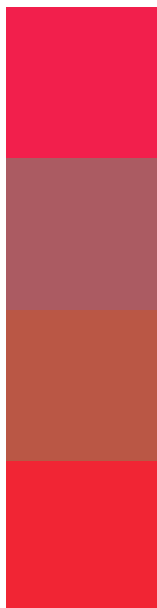
123.3090, 38.1940, -9.3740



Tritanopia

100.5720, 119.8420, 41.7780

Trichromacy



Original Color

99.2190, 111.3110, 58.7270

Protanomaly

115.7180, 45.4330, 19.1370

Deuteranomaly

114.5490, 64.7820, 15.3900

Tritanomaly

99.7060, 116.7690, 47.9130

Monochromacy



Original Color

99.2190, 111.3110, 58.7270

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.9610, 40.4350, 21.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.2190, 111.3110, 58.7270 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, 31, 76)` looks like.

```
.text, #text, p{  
    color:rgb(242, 31, 76)  
}
```

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, 31, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 31, 76) }
```

Border

The CSS property to change the border of an element to YIQ 99.2190, 111.3110, 58.7270 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, 31, 76) }
```


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

```
.border{ border-color:rgb(242, 31, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 31, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 31, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 31, 76);  
box-shadow:4px 4px 4px 4px rgb(242, 31,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 99.2190, 111.3110, 58.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 31, 76) }
```

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

```
.background{ background-color: rgb(242, 31,  
76) }
```

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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