

Converting Colors

YIQ(115.3440, 103.2890,
49.9210)

Have a look what the booklet for
YIQ(115.3440, 103.2890, 49.9210)
contains.

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Color

**YIQ(115.3440, 103.2890,
49.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	F53756
RGB	245, 55, 86
RGB Percent	96%, 22%, 34%
CMY	0.0387, 0.7846, 0.6624
CMYK	0.00, 0.78, 0.65, 0.04
HSL	350°, 91%, 59%
HSV	350°, 78%, 96%
XYZ	40.7442, 22.8324, 11.0845
YIQ	115.3440, 103.2890, 49.9210

Conversions

Conversions Part 2

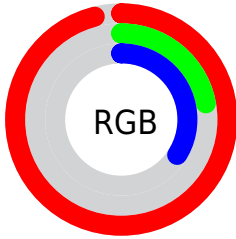
Format	Color
R_{YB}	245, 55, 86
Decimal	16070486
CIE _{Lab}	54.90, 71.40, 28.85
CIE _{LCh}	55, 77.013, 22.003
Yxy	22.8324, 0.5457, 0.3058
Android (android.graphics.Color)	4294260566 (0xFFFF53756)
YUV	115.3440, -14.4666, 113.7083
Hunter-Lab	47.7832, 68.5843, 19.6945

Details

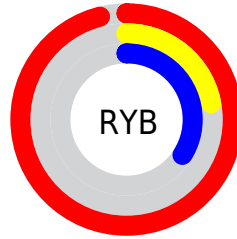
The YIQ color **115.3440, 103.2890, 49.9210** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **184.6560, -103.2890, -49.9210**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0150, 75.8740, 34.6420**, and **58.7930, 94.7150, 51.1230** is the 20% darker color. If you saturate the color by 10%, you get **98.3890, 116.5840, 56.7760**, and if you desaturate by 10%, it is **131.8260, 89.9480, 43.9000**.

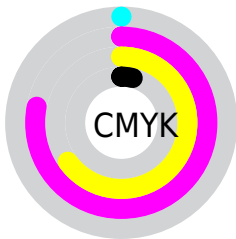
Distribution



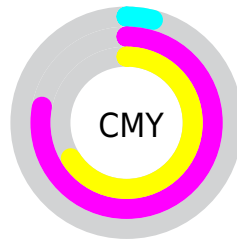
- Red (96%)
- Green (22%)
- Blue (34%)



- Red (96%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (78%)
- Yellow (65%)
- Black (4%)



- Cyan (4%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.3440, 103.2890, 49.9210 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 115.3440, 103.2890, 49.9210 by changing the saturation by 10% instead.


 115.3440,
103.2890, 49.9210


 115.3440,
103.2890, 49.9210


255.0000, -0.0000,
-0.0000


 70.8690, 106.7250,
64.7490


 161.0150, 75.8740,
34.6420


 58.7930, 94.7150,
51.1230


 181.5890, 59.2780,
27.0380

 47.0590, 81.7420,
38.4300


 201.6900, 42.6360,
20.2680

 35.2820, 70.3280,
25.0160

 222.4920, 25.3980,
13.2860

 26.2410, 51.2100,
19.0660

 243.2940, 8.1600,
6.3040

 17.2710, 33.3300,
12.7060

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 115.3440,
103.2890, 49.9210

■ 115.3440,
103.2890, 49.9210

■ 98.3890, 116.5840,
56.7760

■ 131.8260, 89.9480,
43.9000

■ 81.9070, 129.9250,
62.7970

■ 148.7810, 76.6530,
37.0450

■ 77.8150, 133.1800,
64.3800

■ 165.2630, 63.3120,
31.0240

■ 182.2180, 50.0170,
24.1690

■ 198.7000, 36.6760,
18.1480

215.6550, 23.3810,
11.2930

232.7240, 9.7650,
4.7490

249.0920, -3.2550,
-1.5830

252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



118.1390, 79.9020, 71.7900



115.3440, 103.2890, 49.9210



121.1350, 100.6380, 4.3340

Triad

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



115.3440, 103.2890, 49.9210



94.8440, -54.8690, -68.4130



114.1850, -121.7300, 3.4700

Complementary

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



115.3440, 103.2890, 49.9210



184.6560, -103.2890, -49.9210

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.



119.0630, -118.9310, -8.7150



115.3440, 103.2890, 49.9210



105.9870, -79.3560, -48.6360

Square

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



115.3440, 103.2890, 49.9210



117.4290, 27.4270, -51.0450



114.4400, -101.7800, -27.7000



124.3050, -68.3210, 32.2470

Rectangle

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



115.3440, 103.2890, 49.9210



123.4400, 82.7610, -18.6070



114.4400, -101.7800, -27.7000



117.1200, -123.1050, 0.8550

Sweetspot

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



115.3440, 103.2890, 49.9210



214.7810, 31.9540, 15.6180



123.9020, 33.1780, 92.5860



103.4480, 19.5300, 9.4980



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.



115.3440, 103.2890, 49.9210



93.3090, 128.7330, 62.3730



148.7910, 95.9150, 7.3310



113.8160, 6.5100, 3.1660



59.1480, 100.9050, 49.0730



18.7810, 31.9540, 15.6180

Inverse Universe

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



115.3440, 103.2890, 49.9210



93.3090, 128.7330, 62.3730



151.2090, -95.9150, -7.3310



113.8160, 6.5100, 3.1660



59.1480, 100.9050, 49.0730



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 115.3440, 103.2890, 49.9210 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 115.3440, 103.2890, 49.9210 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 115.3440, 103.2890, 49.9210

Background



This preview shows how black text looks on a background with the YIQ color 115.3440, 103.2890, 49.9210.

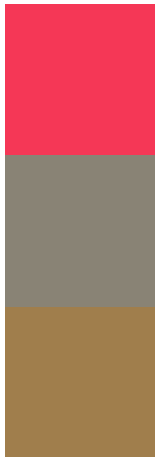


This preview shows how white text looks on a background with the YIQ color 115.3440, 103.2890,

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

115.3440, 103.2890, 49.9210

Protanopia

131.1980, 8.0700, -3.0820

Deuteranopia

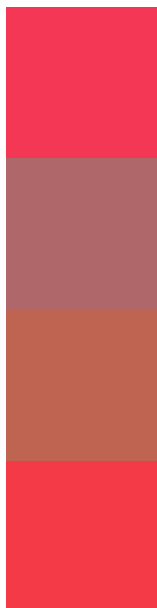
130.4660, 36.3140, -8.3420



Tritanopia

115.2440, 109.0220, 39.6300

Trichromacy



Original Color

115.3440, 103.2890, 49.9210

Protanomaly

125.1690, 42.5450, 16.4090

Deuteranomaly

124.9290, 60.6560, 13.0720

Tritanomaly

115.0960, 106.6830, 43.4750

Monochromacy



Original Color

115.3440, 103.2890, 49.9210

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8850, 37.5930, 18.0490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.3440, 103.2890, 49.9210 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(245, 55, 86)` looks like.

```
.text, #text, p{  
    color:rgb(245, 55, 86)  
}
```

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(245, 55, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 55, 86) }
```

Border

The CSS property to change the border of an element to YIQ 115.3440, 103.2890, 49.9210 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(245, 55, 86) }
```


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

```
.border{ border-color:rgb(245, 55, 86) }
```

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

Here you see how a box with a 4 pixel rgb(245, 55, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 55, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 55, 86);  
box-shadow:4px 4px 4px 4px rgb(245, 55,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 115.3440, 103.2890, 49.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 55, 86) }
```

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

```
.background{ background-color: rgb(245, 55,  
86) }
```

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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