

Converting Colors

YIQ(118.4100, 102.9230,
45.5390)

Have a look what the booklet for
YIQ(118.4100, 102.9230, 45.5390)
contains.

YIQ(118.4100, 102.9230, 45.5390)	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(118.4100, 102.9230,
45.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	F53D52
RGB	245, 61, 82
RGB Percent	96%, 24%, 32%
CMY	0.0388, 0.7610, 0.6780
CMYK	0.00, 0.75, 0.67, 0.04
HSL	353°, 90%, 60%
HSV	353°, 75%, 96%
XYZ	40.8877, 23.3731, 10.3591
YIQ	118.4100, 102.9230, 45.5390

Conversions

Conversions Part 2

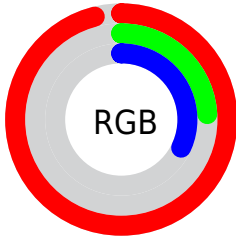
Format	Color
RYB	245, 61, 82
Decimal	16072018
CIELab	55.45, 69.45, 31.89
CIELCh	55, 76.426, 24.666
Yxy	23.3731, 0.5479, 0.3132
Android (android.graphics.Color)	4294262098 (0xFFFF53D52)
YUV	118.4100, -17.9501, 111.0194
Hunter-Lab	48.3458, 66.3588, 21.1380

Details

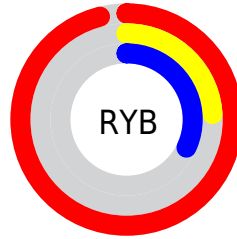
The YIQ color **118.4100, 102.9230, 45.5390** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **187.5900, -102.9230, -45.5390**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7930, 76.3790, 30.9950**, and **58.4510, 95.6780, 50.1900** is the 20% darker color. If you saturate the color by 10%, you get **101.2270, 116.8600, 51.7720**, and if you desaturate by 10%, it is **135.0060, 89.2610, 39.8290**.

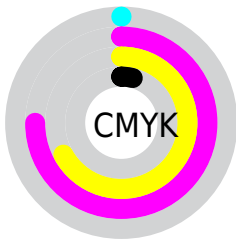
Distribution



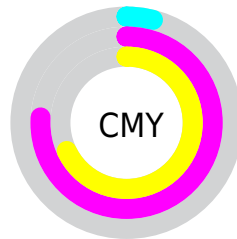
- Red (96%)
- Green (24%)
- Blue (32%)



- Red (96%)
- Yellow (24%)
- Blue (32%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)
- Black (4%)





- Cyan (4%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.4100, 102.9230, 45.5390 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 118.4100, 102.9230, 45.5390 by changing the saturation by 10% instead.


 118.4100,
102.9230, 45.5390


 118.4100,
102.9230, 45.5390


255.0000, -0.0000,
-0.0000


 80.9790, 103.0590,
54.0910


 162.7930, 76.3790,
30.9950


 58.4510, 95.6780,
50.1900


 183.4810, 59.4620,
23.7020


 46.6030, 83.0260,
37.1860


 203.4680, 43.1410,
16.6210

 35.2820, 70.3280,
25.0160

 224.2700, 25.9030,
9.6390

 26.2410, 51.2100,
19.0660

 245.0720, 8.6650,
2.6570

 17.2710, 33.3300,
12.7060

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 118.4100,
102.9230, 45.5390

■ 118.4100,
102.9230, 45.5390

■ 101.2270,
116.8600, 51.7720

■ 135.0060, 89.2610,
39.8290

■ 84.7450, 130.2010,
57.7930

■ 152.0750, 75.6450,
33.2850

■ 76.4470, 137.0320,
60.6480

■ 168.6710, 61.9830,
27.5750

■ 185.8540, 48.0460,
21.3420

■ 202.4500, 34.3840,
15.6320

219.5190, 20.7680,
9.0880

236.7020, 6.8310,
2.8550

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.



119.1670, 82.6990, 70.6590



118.4100, 102.9230, 45.5390



122.7880, 99.9970, -0.5710

Triad

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



118.4100, 102.9230, 45.5390



97.0440, -58.3080, -66.6600



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.



118.4100, 102.9230, 45.5390



187.5900, -102.9230, -45.5390

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.



119.6330, -120.5360, -7.1600



118.4100, 102.9230, 45.5390



107.9590, -82.1530, -47.5050

Square

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



118.4100, 102.9230, 45.5390



117.4070, 24.4930, -52.9390



116.4120, -104.5770, -26.5690



129.3990, -56.7220, 36.7980

Rectangle

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



118.4100, 102.9230, 45.5390



124.8910, 79.8730, -21.3350



116.4120, -104.5770, -26.5690



117.1200, -123.1050, 0.8550

Sweetspot

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



118.4100, 102.9230, 45.5390



214.4390, 32.9170, 14.6850



130.7130, 38.0840, 91.7800



103.2200, 20.1720, 8.8760



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.



118.4100, 102.9230, 45.5390



96.8480, 128.4130, 57.1570



157.6930, 90.1390, 1.8750



113.8160, 6.5100, 3.1660



58.0080, 104.1150, 45.9630



18.4390, 32.9170, 14.6850

Inverse Universe

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



118.4100, 102.9230, 45.5390



96.8480, 128.4130, 57.1570



148.8940, -90.4140, -2.3980



113.8160, 6.5100, 3.1660



58.0080, 104.1150, 45.9630



18.4390, 32.9170, 14.6850

Previews

White Background



This preview shows how the YIQ color 118.4100, 102.9230, 45.5390 looks on a white background.

Color Contrast Check

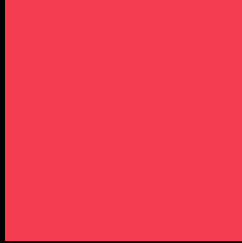
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4100, 102.9230, 45.5390 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 118.4100, 102.9230, 45.5390

Background



This preview shows how black text looks on a background with the YIQ color 118.4100, 102.9230, 45.5390.



This preview shows how white text looks on a background with the YIQ color 118.4100, 102.9230,

45.5390.

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

118.4100, 102.9230, 45.5390

Protanopia

132.7700, 12.1510, -5.4570

Deuteranopia

131.4940, 39.1110, -9.4730



Tritanopia

118.3470, 107.2340, 38.9940

Trichromacy



Original Color

118.4100, 102.9230, 45.5390

Protanomaly

127.7300, 45.1590, 13.0870

Deuteranomaly

126.8320, 62.3070, 10.6830

Tritanomaly

118.4440, 105.5830, 41.3830

Monochromacy



Original Color

118.4100, 102.9230, 45.5390

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9450, 37.3640, 16.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4100, 102.9230, 45.5390 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, 61, 82)` looks like.

```
.text, #text, p{  
    color:rgb(245, 61, 82)  
}
```

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, 61, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 61, 82) }
```

Border

The CSS property to change the border of an element to YIQ 118.4100, 102.9230, 45.5390 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, 61, 82) }
```


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

```
.border{ border-color:rgb(245, 61, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 61, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 61, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 61, 82);  
box-shadow:4px 4px 4px 4px rgb(245, 61,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4100, 102.9230, 45.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 61, 82) }
```

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

```
.background{ background-color: rgb(245, 61,  
82) }
```

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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