

Converting Colors

YIQ(113.7810, 112.1840,
48.4080)

Have a look what the booklet for
YIQ(113.7810, 112.1840, 48.4080)
contains.

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Color

**YIQ(113.7810, 112.1840,
48.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	FB3448
RGB	251, 52, 72
RGB Percent	98%, 20%, 28%
CMY	0.0152, 0.7963, 0.7172
CMYK	0.00, 0.79, 0.71, 0.02
HSL	354°, 96%, 59%
HSV	354°, 79%, 98%
XYZ	42.2259, 23.4501, 8.4504
YIQ	113.7810, 112.1840, 48.4080

Conversions

Conversions Part 2

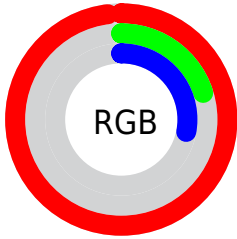
Format	Color
R_{YB}	251, 52, 72
Decimal	16462920
CIE _{Lab}	55.53, 73.19, 38.02
CIE _{LCh}	56, 82.475, 27.453
Yxy	23.4501, 0.5696, 0.3164
Android (android.graphics.Color)	4294653000 (0xFFFB3448)
YUV	113.7810, -20.5980, 120.3411
Hunter-Lab	48.4253, 70.9041, 23.5513

Details

The YIQ color **113.7810, 112.1840, 48.4080** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **189.2190, -112.1840, -48.4080**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7180, 80.9640, 30.5000**, and **58.8060, 101.8680, 48.1400** is the 20% darker color. If you saturate the color by 10%, you get **96.5980, 126.1210, 54.6410**, and if you desaturate by 10%, it is **131.0780, 97.9260, 42.4860**.

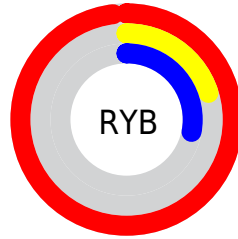
Distribution



Red (98%)

Green (20%)

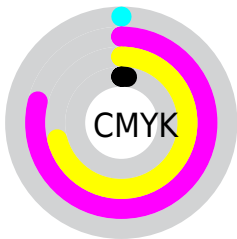
Blue (28%)



Red (98%)

Yellow (20%)

Blue (28%)

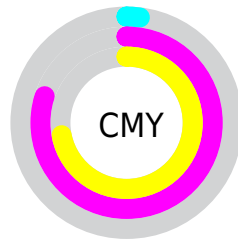


Cyan (0%)

Magenta (79%)

Yellow (71%)

Black (2%)



Cyan (2%)


Magenta (80%)

Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.7810, 112.1840, 48.4080 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 113.7810, 112.1840, 48.4080 by changing the saturation by 10% instead.


 113.7810,
112.1840, 48.4080


 113.7810,
112.1840, 48.4080


255.0000, -0.0000,
-0.0000


 70.8820, 113.8780,
61.7660


 158.7180, 80.9640,
30.5000


 58.8060, 101.8680,
48.1400


 179.2920, 64.3680,
22.8960


 46.7300, 89.8580,
34.5140


 199.2790, 48.0470,
15.8150

 36.4780, 72.7120,
25.8640

 220.0810, 30.8090,
8.8330

 27.1380, 52.9980,
19.7020

 240.8830, 13.5710,
1.8510

 18.2820, 34.7970,
13.6530

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 113.7810,
112.1840, 48.4080

■ 113.7810,
112.1840, 48.4080

■ 96.5980, 126.1210,
54.6410

■ 131.0780, 97.9260,
42.4860

■ 79.3010, 140.3790,
60.5630

■ 148.2610, 83.9890,
36.2530

■ 77.8990, 141.5710,
60.9870

■ 165.5580, 69.7310,
30.3310

■ 182.7410, 55.7940,
24.0980

■ 200.0380, 41.5360,
18.1760

217.9220, 27.0030,
11.7310

235.1050, 13.0660,
5.4980

252.4020, -1.1920,
-0.4240

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



108.5590, 96.6350, 82.4190



113.7810, 112.1840, 48.4080



121.8330, 104.1240, -3.7800

Triad

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



113.7810, 112.1840, 48.4080



98.1040, -58.5370, -68.0170



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.



113.7810, 112.1840, 48.4080



189.2190, -112.1840, -48.4080

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.



122.2890, -125.2590, -4.1630



113.7810, 112.1840, 48.4080



109.9310, -84.9500, -46.3740

Square

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



113.7810, 112.1840, 48.4080



115.5800, 16.5160, -57.0520



118.2530, -108.3830, -23.6710



129.7420, -50.2580, 40.7980

Rectangle

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



113.7810, 112.1840, 48.4080



125.4670, 78.1310, -22.8050



118.2530, -108.3830, -23.6710



117.7070, -123.3800, 0.3320

Sweetspot

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



113.7810, 112.1840, 48.4080



212.9230, 34.4300, 14.7980



127.3100, 41.0170, 99.2010



102.4050, 21.0890, 8.7770



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.



113.7810, 112.1840, 48.4080



88.0940, 136.5280, 58.7680



156.1130, 97.7040, 2.4400



116.1150, 7.1060, 3.3780



58.6770, 106.5450, 45.9770



18.9230, 34.4300, 14.7980

Inverse Universe

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



113.7810, 112.1840, 48.4080



88.0940, 136.5280, 58.7680



146.8870, -97.7040, -2.4400



116.1150, 7.1060, 3.3780



58.6770, 106.5450, 45.9770



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 113.7810, 112.1840, 48.4080 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 113.7810, 112.1840, 48.4080 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 113.7810, 112.1840, 48.4080

Background



This preview shows how black text looks on a background with the YIQ color 113.7810, 112.1840, 48.4080.



This preview shows how white text looks on a background with the YIQ color 113.7810, 112.1840,

48.4080.

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

113.7810, 112.1840, 48.4080

Protanopia

132.2280, 16.5530, -8.1430

Deuteranopia

130.7240, 44.1550, -12.7810



Tritanopia

113.7180, 116.4950, 41.8630

Trichromacy



Original Color

113.7810, 112.1840, 48.4080

Protanomaly

125.7260, 50.9820, 12.1820

Deuteranomaly

124.6000, 68.7720, 9.1560

Tritanomaly

113.8150, 114.8440, 44.2520

Monochromacy



Original Color

113.7810, 112.1840, 48.4080

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7390, 40.9400, 17.9640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7810, 112.1840, 48.4080 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(251, 52, 72)` looks like.

```
.text, #text, p{  
    color:rgb(251, 52, 72)  
}
```

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(251, 52, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 52, 72) }
```

Border

The CSS property to change the border of an element to YIQ 113.7810, 112.1840, 48.4080 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(251, 52, 72) }
```


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

```
.border{ border-color:rgb(251, 52, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 52, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 52, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 52, 72);  
box-shadow:4px 4px 4px 4px rgb(251, 52,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7810, 112.1840, 48.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 52, 72) }
```

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

```
.background{ background-color: rgb(251, 52,  
72) }
```

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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