

Converting Colors

YIQ(111.8750, 114.6150,
42.8950)

Have a look what the booklet for
YIQ(111.8750, 114.6150, 42.8950)
contains.

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Color

**YIQ(111.8750, 114.6150,
42.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	F8353A
RGB	248, 53, 58
RGB Percent	97%, 21%, 23%
CMY	0.0270, 0.7924, 0.7721
CMYK	0.00, 0.79, 0.77, 0.03
HSL	358°, 93%, 59%
HSV	358°, 79%, 97%
XYZ	40.7897, 22.8236, 6.2739
YIQ	111.8750, 114.6150, 42.8950

Conversions

Conversions Part 2

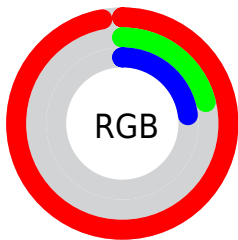
Format	Color
R_{YB}	248, 53, 58
Decimal	16266554
CIE _{Lab}	54.89, 71.58, 44.98
CIE _{LCh}	55, 84.540, 32.142
Yxy	22.8236, 0.5837, 0.3266
Android (android.graphics.Color)	4294456634 (0xFFFF8353A)
YUV	111.8750, -26.5604, 119.3816
Hunter-Lab	47.7741, 68.7992, 25.6557

Details

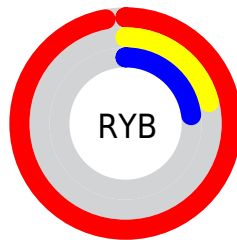
The YIQ color **111.8750, 114.6150, 42.8950** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **189.1250, -114.6150, -42.8950**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0080, 85.7790, 25.8350**, and **56.3130, 104.5740, 43.1500** is the 20% darker color. If you saturate the color by 10%, you get **94.4640, 129.1940, 48.5060**, and if you desaturate by 10%, it is **129.2860, 100.0360, 37.2840**.

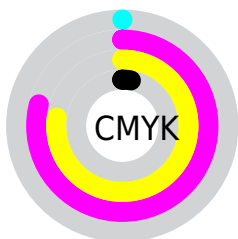
Distribution



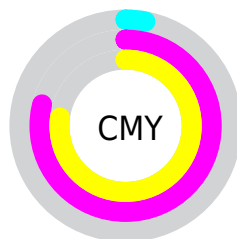
- Red (97%)
- Green (21%)
- Blue (23%)



- Red (97%)
- Yellow (21%)
- Blue (23%)



- Cyan (0%)
- Magenta (79%)
- Yellow (77%)
- Black (3%)





- Cyan (3%)
- Magenta (79%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.8750, 114.6150, 42.8950 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 111.8750, 114.6150, 42.8950 by changing the saturation by 10% instead.


 111.8750,
114.6150, 42.8950


 111.8750,
114.6150, 42.8950


255.0000, -0.0000,
-0.0000


 68.3890, 116.5840,
56.7760


 157.0080, 85.7790,
25.8350


 56.3130, 104.5740,
43.1500


 176.9950, 69.4580,
18.7540


 45.1490, 89.9960,
32.0120


 197.5690, 52.8620,
11.1500

 35.2820, 70.3280,
25.0160

 218.2570, 35.9450,
3.8570

 26.2410, 51.2100,
19.0660

 239.0590, 18.7070,
-3.1250

 17.2710, 33.3300,
12.7060

 253.4040, 4.4940,

 4.7840, 9.5360,

-4.3540

3.3920

■ 0.0000, 0.0000,
0.0000

■ 111.8750,
114.6150, 42.8950

■ 111.8750,
114.6150, 42.8950

■ 94.4640, 129.1940,
48.5060

■ 129.2860,
100.0360, 37.2840

■ 77.0530, 143.7730,
54.1170

■ 146.6970, 85.4570,
31.6730

■ 74.9500, 145.5610,
54.7530

■ 163.6350, 70.8320,
26.8960

■ 181.0460, 56.2530,
21.2850

■ 198.4570, 41.6740,
15.6740

215.8680, 27.0950,
10.0630

233.2790, 12.5160,
4.4520

250.1030, -1.7880,
-0.6360

252.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



92.2390, 109.7000, 93.4440



111.8750, 114.6150, 42.8950



121.2020, 98.5310, -7.0450

Triad

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



111.8750, 114.6150, 42.8950



99.1300, -61.4260, -65.2180



111.2500, -120.3550, 6.0850

Complementary

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



111.8750, 114.6150, 42.8950



189.1250, -114.6150, -42.8950

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.



120.6420, -124.7550, -2.2830



111.8750, 114.6150, 42.8950



110.4840, -87.8850, -42.7410

Square

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



111.8750, 114.6150, 42.8950



110.7850, 5.5130, -61.3910



118.8060, -111.3180, -20.0380



131.3250, -35.5420, 49.4340

Rectangle

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



111.8750, 114.6150, 42.8950



123.9390, 70.7500, -26.7060



118.8060, -111.3180, -20.0380



115.3590, -122.2800, 2.4240

Sweetspot

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



111.8750, 114.6150, 42.8950



212.3530, 36.0350, 13.2430



131.7410, 50.0490, 100.7130



102.1770, 21.7310, 8.1550



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.



111.8750, 114.6150, 42.8950



87.5580, 140.7930, 53.0570



164.7220, 91.1950, -6.2530



116.0010, 7.4270, 3.0670



57.0810, 111.0390, 41.6230



18.4670, 35.7140, 13.5540

Inverse Universe

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



111.8750, 114.6150, 42.8950



87.5580, 140.7930, 53.0570



136.2780, -91.1950, 6.2530



116.0010, 7.4270, 3.0670



57.0810, 111.0390, 41.6230



18.4670, 35.7140, 13.5540

Previews

White Background



This preview shows how the YIQ color 111.8750, 114.6150, 42.8950 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 111.8750, 114.6150, 42.8950 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 111.8750, 114.6150, 42.8950

Background



This preview shows how black text looks on a background with the YIQ color 111.8750, 114.6150, 42.8950.



This preview shows how white text looks on a background with the YIQ color 111.8750, 114.6150,

42.8950.

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

111.8750, 114.6150, 42.8950

Protanopia

129.8880, 23.2020, -13.0060

Deuteranopia

127.7260, 49.8410, -16.7110



Tritanopia

112.0060, 115.6240, 41.1280

Trichromacy



Original Color

111.8750, 114.6150, 42.8950

Protanomaly

123.2010, 56.7140, 7.4180

Deuteranomaly

122.0040, 73.2660, 4.8020

Tritanomaly

112.1200, 115.3030, 41.4390

Monochromacy



Original Color

111.8750, 114.6150, 42.8950

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.0440, 41.3990, 15.1510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.8750, 114.6150, 42.8950 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(248, 53, 58)` looks like.

```
.text, #text, p{  
    color:rgb(248, 53, 58)  
}
```

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(248, 53, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 53, 58) }
```

Border

The CSS property to change the border of an element to YIQ 111.8750, 114.6150, 42.8950 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(248, 53, 58) }
```


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

```
.border{ border-color:rgb(248, 53, 58) }
```

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

Here you see how a box with a 4 pixel rgb(248, 53, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 53, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 53, 58);  
box-shadow:4px 4px 4px 4px rgb(248, 53,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 111.8750, 114.6150, 42.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 53, 58) }
```

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

```
.background{ background-color: rgb(248, 53,  
58) }
```

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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