

Converting Colors

YIQ(123.4110, 118.3770,
29.7770)

Have a look what the booklet for
YIQ(123.4110, 118.3770, 29.7770)
contains.

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Color

**YIQ(123.4110, 118.3770,
29.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	FF482B
RGB	255, 72, 43
RGB Percent	100%, 28%, 17%
CMY	0.0000, 0.7179, 0.8309
CMYK	0.00, 0.72, 0.83, 0.00
HSL	8°, 100%, 58%
HSV	8°, 83%, 100%
XYZ	43.9907, 26.0601, 5.0091
YIQ	123.4110, 118.3770, 29.7770

Conversions

Conversions Part 2

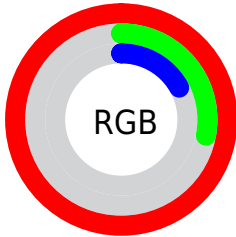
Format	Color
RYB	255, 77, 43
Decimal	16730155
CIELab	58.09, 67.39, 56.09
CIELCh	58, 87.676, 39.768
Yxy	26.0601, 0.5861, 0.3472
Android (android.graphics.Color)	4294920235 (0xFFFF482B)
YUV	123.4110, -39.6426, 115.4036
Hunter-Lab	51.0491, 64.4835, 29.9166

Details

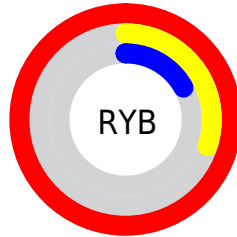
The YIQ color **123.4110, 118.3770, 29.7770** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **174.5890, -118.3770, -29.7770**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **163.6300, 86.4230, 14.1590**, and **56.5110, 112.6440, 40.0680** is the 20% darker color. If you saturate the color by 10%, you get **107.6470, 132.4520, 33.5080**, and if you desaturate by 10%, it is **139.2890, 103.9810, 26.3570**.

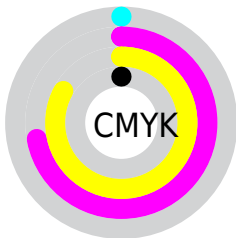
Distribution



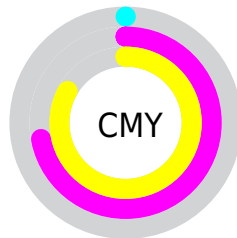
- Red (100%)
- Green (28%)
- Blue (17%)



- Red (100%)
- Yellow (30%)
- Blue (17%)



- Cyan (0%)
- Magenta (72%)
- Yellow (83%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.4110, 118.3770, 29.7770 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 123.4110, 118.3770, 29.7770 by changing the saturation by 10% instead.


 123.4110,
118.3770, 29.7770


 123.4110,
118.3770, 29.7770


255.0000, -0.0000,
-0.0000


 90.1490, 116.3590,
33.3110


 163.6300, 86.4230,
14.1590


 56.5110, 112.6440,
40.0680


 183.6170, 70.1020,
7.0780


 46.9430, 93.5720,
33.2840


 204.1910, 53.5060,
-0.5260

 37.3750, 74.5000,
26.5000

 224.2920, 36.8640,
-7.2960

 27.9210, 55.1070,
20.0270

 245.0940, 19.6260,
-14.2780

 19.4780, 37.1810,
14.5010

 251.8080, 8.9880,

 9.0840, 17.5590,

-8.7080

6.6710

■ 0.0000, 0.0000,
0.0000

■ 123.4110,
118.3770, 29.7770

■ 123.4110,
118.3770, 29.7770

■ 107.6470,
132.4520, 33.5080

■ 139.2890,
103.9810, 26.3570

■ 96.7900, 142.3550,
35.7550

■ 155.0530, 89.9060,
22.6260

■ 170.9310, 75.5100,
19.2060

■ 186.6950, 61.4350,
15.4750

■ 202.5730, 47.0390,
12.0550

218.3370, 32.9640,
8.3240

234.2150, 18.5680,
4.9040

249.9790, 4.4930,
1.1730

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



98.5020, 109.9770, 82.9130



123.4110, 118.3770, 29.7770



130.8820, 93.2600, -16.1480

Triad

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



123.4110, 118.3770, 29.7770



108.6650, -73.1180, -62.5740



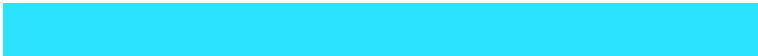
112.4240, -120.9050, 5.0390

Complementary

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



123.4110, 118.3770, 29.7770



174.5890, -118.3770, -29.7770

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.



124.1640, -126.4050, -5.4210



123.4110, 118.3770, 29.7770



119.6600, -99.9440, -38.9520

Square

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



123.4110, 118.3770, 29.7770



110.0550, -13.2830, -73.1790



127.3950, -123.1020, -15.7260



141.2360, -10.0060, 60.2180

Rectangle

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



123.4110, 118.3770, 29.7770



131.2490, 63.6450, -35.6110



127.3950, -123.1020, -15.7260



117.1200, -123.1050, 0.8550

Sweetspot

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



123.4110, 118.3770, 29.7770



215.4190, 35.6690, 8.8610



127.3640, 67.2880, 102.1680



103.5960, 21.8690, 5.6530



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.



123.4110, 118.3770, 29.7770



96.7900, 142.3550, 35.7550



185.0460, 89.5020, -25.1380



119.4740, 7.4730, 2.2330



72.3710, 106.6860, 26.8940



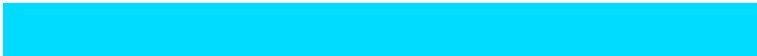
24.4190, 35.6690, 8.8610

Inverse Universe

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



174.5890, -118.3770, -29.7770



158.2100, -142.3550, -35.7550



112.9540, -89.5020, 25.1380



122.9390, -7.1980, -1.7100



118.6290, -106.6860, -26.8940



39.5810, -35.6690, -8.8610

Previews

White Background



This preview shows how the YIQ color 123.4110, 118.3770, 29.7770 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 123.4110, 118.3770, 29.7770 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 123.4110, 118.3770, 29.7770

Background



This preview shows how black text looks on a background with the YIQ color 123.4110, 118.3770, 29.7770.



This preview shows how white text looks on a background with the YIQ color 123.4110, 118.3770,

29.7770.

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

123.4110, 118.3770, 29.7770

Protanopia

135.4790, 34.2990, -21.3890

Deuteranopia

133.3880, 62.1760, -25.5040



Tritanopia

125.5430, 109.6180, 39.8420

Trichromacy



Original Color

123.4110, 118.3770, 29.7770

Protanomaly

130.8840, 64.5560, -2.5480

Deuteranomaly

129.7580, 82.3460, -5.5740

Tritanomaly

124.9900, 112.5530, 36.2090

Monochromacy



Original Color

123.4110, 118.3770, 29.7770

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8930, 43.1420, 11.0940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4110, 118.3770, 29.7770 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(255, 72, 43)` looks like.

```
.text, #text, p{  
  color:rgb(255, 72, 43)  
}
```

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(255, 72, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 43) }
```

Border

The CSS property to change the border of an element to YIQ 123.4110, 118.3770, 29.7770 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(255, 72, 43) }
```


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

```
.border{ border-color:rgb(255, 72, 43) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4110, 118.3770, 29.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 43) }
```

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

```
.background{ background-color: rgb(255, 72,  
43) }
```

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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