

Converting Colors

YIQ(123.0050, 108.1970,
38.0610)

Have a look what the booklet for
YIQ(123.0050, 108.1970, 38.0610)
contains.

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Color

**YIQ(123.0050, 108.1970,
38.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4544
RGB	250, 69, 68
RGB Percent	98%, 27%, 27%
CMY	0.0192, 0.7297, 0.7329
CMYK	0.00, 0.72, 0.73, 0.02
HSL	0°, 95%, 62%
HSV	0°, 73%, 98%
XYZ	42.6338, 25.0098, 8.0667
YIQ	123.0050, 108.1970, 38.0610

Conversions

Conversions Part 2

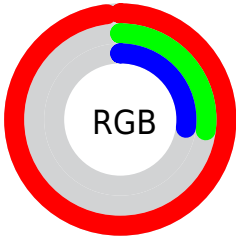
Format	Color
R_{YB}	250, 69, 68
Decimal	16401732
CIE _{Lab}	57.09, 67.72, 42.01
CIE _{LCh}	57, 79.694, 31.812
Yxy	25.0098, 0.5631, 0.3303
Android (android.graphics.Color)	4294591812 (0xFFFA4544)
YUV	123.0050, -27.1175, 111.3746
Hunter-Lab	50.0098, 64.6556, 25.4432

Details

The YIQ color **123.0050, 108.1970, 38.0610** 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 **194.9950, -108.1970, -38.0610**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **165.3060, 78.9480, 22.9800**, and **58.0510, 102.5560, 46.6840** is the 20% darker color. If you saturate the color by 10%, you get **105.4800, 123.0970, 43.3610**, and if you desaturate by 10%, it is **140.5300, 93.2970, 32.7610**.

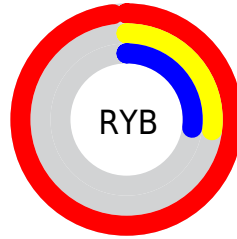
Distribution



Red (98%)

Green (27%)

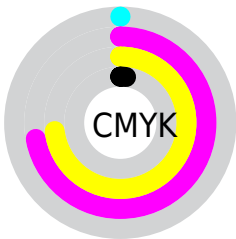
Blue (27%)



Red (98%)

Yellow (27%)

Blue (27%)

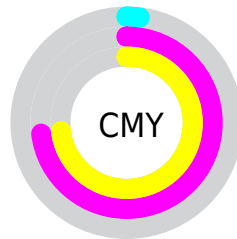


Cyan (0%)

Magenta (72%)

Yellow (73%)

Black (2%)



Cyan (2%)


Magenta (73%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.0050, 108.1970, 38.0610 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 123.0050, 108.1970, 38.0610 by changing the saturation by 10% instead.


 123.0050,
108.1970, 38.0610


 123.0050,
108.1970, 38.0610


255.0000, -0.0000,
-0.0000


 89.0960, 106.6830,
43.4750


 165.3060, 78.9480,
22.9800


 58.0510, 102.5560,
46.6840


 185.2930, 62.6270,
15.8990


 45.7470, 91.1880,
32.4360


 205.2800, 46.3060,
8.8180

 36.4780, 72.7120,
25.8640

 226.0820, 29.0680,
1.8360

 27.0240, 53.3190,
19.3910

 246.8840, 11.8300,
-5.1460

 18.5810, 35.3930,
13.8650

254.8860, 0.3210,

 7.5890, 14.5790,

-0.3110

5.6110

■ 0.0000, 0.0000,
0.0000

■ 123.0050,
108.1970, 38.0610

■ 123.0050,
108.1970, 38.0610

■ 105.4800,
123.0970, 43.3610

■ 140.5300, 93.2970,
32.7610

■ 87.9550, 137.9970,
48.6610

■ 158.0550, 78.3970,
27.4610

■ 75.3370, 148.7250,
52.4770

■ 175.5800, 63.4970,
22.1610

■ 193.1050, 48.5970,
16.8610

■ 210.0430, 33.9720,
12.0840

227.5680, 19.0720,
6.7840

245.0930, 4.1720,
1.4840

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



118.7510, 95.6740, 72.2980



123.0050, 108.1970, 38.0610



127.3930, 99.3110, -10.1690

Triad

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



123.0050, 108.1970, 38.0610



103.2050, -66.0110, -64.7230



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.



123.0050, 108.1970, 38.0610



194.9950, -108.1970, -38.0610

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.



123.5770, -126.1300, -4.8980



123.0050, 108.1970, 38.0610



113.8750, -90.5440, -44.1120

Square

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



123.0050, 108.1970, 38.0610



117.0200, 12.1610, -60.7270



121.8550, -113.0140, -22.3420



137.5270, -33.2950, 47.2570

Rectangle

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



123.0050, 108.1970, 38.0610



128.9670, 73.5470, -27.8370



121.8550, -113.0140, -22.3420



117.7070, -123.3800, 0.3320

Sweetspot

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



123.0050, 108.1970, 38.0610



215.7440, 33.3760, 11.8720



143.1660, 50.0500, 95.1860



104.7530, 19.9890, 6.6850



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.



123.0050, 108.1970, 38.0610



99.9650, 132.0370, 46.5410



175.8350, 83.4470, -9.0090



116.4740, 7.4730, 2.2330



57.0980, 112.3690, 39.5450



18.2390, 36.3560, 12.9320

Inverse Universe

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



194.9950, -108.1970, -38.0610



188.0350, -132.0370, -46.5410



142.1650, -83.4470, 9.0090



121.1130, -7.7480, -2.7560



131.9020, -112.3690, -39.5450



42.7610, -36.3560, -12.9320

Previews

White Background



This preview shows how the YIQ color 123.0050, 108.1970, 38.0610 looks on a white background.

Color Contrast Check

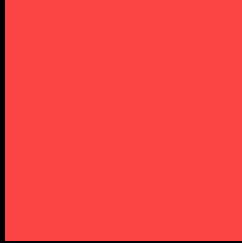
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0050, 108.1970, 38.0610 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 123.0050, 108.1970, 38.0610

Background



This preview shows how black text looks on a background with the YIQ color 123.0050, 108.1970, 38.0610.



This preview shows how white text looks on a background with the YIQ color 123.0050, 108.1970,

38.0610.

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

123.0050, 108.1970, 38.0610

Protanopia

135.3440, 21.9180, -11.7620

Deuteranopia

134.5240, 47.5940, -14.5340



Tritanopia

122.7600, 107.5090, 39.5170

Trichromacy



Original Color

123.0050, 108.1970, 38.0610

Protanomaly

130.8200, 53.4130, 6.6690

Deuteranomaly

130.1500, 69.9190, 4.8870

Tritanomaly

122.6460, 107.8300, 39.2060

Monochromacy



Original Color

123.0050, 108.1970, 38.0610

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.7340, 39.3360, 13.9920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0050, 108.1970, 38.0610 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(250, 69, 68)` looks like.

```
.text, #text, p{  
    color:rgb(250, 69, 68)  
}
```

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(250, 69, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 69, 68) }
```

Border

The CSS property to change the border of an element to YIQ 123.0050, 108.1970, 38.0610 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(250, 69, 68) }
```


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

```
.border{ border-color:rgb(250, 69, 68) }
```

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

Here you see how a box with a 4 pixel rgb(250, 69, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 69, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 69, 68);  
box-shadow:4px 4px 4px 4px rgb(250, 69,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0050, 108.1970, 38.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 69, 68) }
```

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

```
.background{ background-color: rgb(250, 69,  
68) }
```

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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