

Converting Colors

YIQ(118.3260, 111.7270,
40.1670)

Have a look what the booklet for
YIQ(118.3260, 111.7270, 40.1670)
contains.

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Color

**YIQ(118.3260, 111.7270,
40.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	FA3E3F
RGB	250, 62, 63
RGB Percent	98%, 24%, 25%
CMY	0.0192, 0.7571, 0.7525
CMYK	0.00, 0.75, 0.75, 0.02
HSL	360°, 95%, 61%
HSV	360°, 75%, 98%
XYZ	42.0840, 24.1419, 7.1610
YIQ	118.3260, 111.7270, 40.1670

Conversions

Conversions Part 2

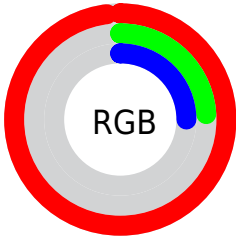
Format	Color
R_{YB}	250, 62, 63
Decimal	16399935
CIE _{Lab}	56.23, 69.76, 43.80
CIE _{LCh}	56, 82.370, 32.127
Yxy	24.1419, 0.5735, 0.3290
Android (android.graphics.Color)	4294590015 (0xFFFA3E3F)
YUV	118.3260, -27.2757, 115.4781
Hunter-Lab	49.1344, 66.9013, 25.7530

Details

The YIQ color **118.3260, 111.7270, 40.1670** 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 **193.6740, -111.7270, -40.1670**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6870, 82.2490, 23.7290**, and **57.4810, 104.1610, 45.1290** is the 20% darker color. If you saturate the color by 10%, you get **100.8010, 126.6270, 45.4670**, and if you desaturate by 10%, it is **135.8510, 96.8270, 34.8670**.

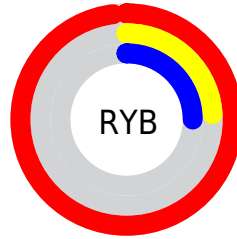
Distribution



Red (98%)

Green (24%)

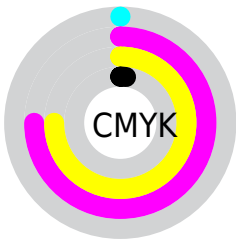
Blue (25%)



Red (98%)

Yellow (24%)

Blue (25%)

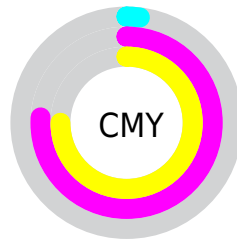


Cyan (0%)

Magenta (75%)

Yellow (75%)

Black (2%)



Cyan (2%)


Magenta (76%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.3260, 111.7270, 40.1670 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 118.3260, 111.7270, 40.1670 by changing the saturation by 10% instead.


 118.3260,
111.7270, 40.1670


 118.3260,
111.7270, 40.1670


255.0000, -0.0000,
-0.0000

 80.5960, 111.2670,
48.5070


 161.2140, 82.2030,
24.5630


 57.4810, 104.1610,
45.1290


 181.6740, 65.9280,
16.6480


 45.7470, 91.1880,
32.4360


 201.7750, 49.2860,
9.8780

 36.1790, 72.1160,
25.6520

 222.4630, 32.3690,
2.5850

 27.1380, 52.9980,
19.7020

 243.2650, 15.1310,
-4.3970

 18.2820, 34.7970,
13.6530

 254.0880, 2.5680,

 6.5780, 13.1120,

-2.4880

4.6640

■ 0.0000, 0.0000,
0.0000

■ 118.3260,
111.7270, 40.1670

■ 118.3260,
111.7270, 40.1670

■ 100.8010,
126.6270, 45.4670

■ 135.8510, 96.8270,
34.8670

■ 83.2760, 141.5270,
50.7670

■ 153.3760, 81.9270,
29.5670

■ 74.9780, 148.3580,
53.6220

■ 170.9010, 67.0270,
24.2670

■ 188.4260, 52.1270,
18.9670

■ 205.8370, 37.5480,
13.3560

223.3620, 22.6480,
8.0560

240.8870, 7.7480,
2.7560

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.



109.6040, 100.7620, 79.2100



118.3260, 111.7270, 40.1670



125.0340, 98.9440, -9.0240

Triad

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



118.3260, 111.7270, 40.1670



101.5750, -64.1770, -64.9210



113.0110, -121.1800, 4.5160

Complementary

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



118.3260, 111.7270, 40.1670



193.6740, -111.7270, -40.1670

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.



122.4030, -125.5800, -3.8520



118.3260, 111.7270, 40.1670



112.5870, -89.6730, -43.3770

Square

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



118.3260, 111.7270, 40.1670



114.3400, 8.2640, -61.6880



120.7950, -112.7850, -20.9850



135.1680, -33.6620, 48.4020

Rectangle

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



118.3260, 111.7270, 40.1670



126.8960, 72.3090, -27.4270



120.7950, -112.7850, -20.9850



117.1200, -123.1050, 0.8550

Sweetspot

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



118.3260, 111.7270, 40.1670



213.7550, 34.8430, 12.8190



138.7470, 49.9120, 97.6880



102.7640, 21.4560, 7.6320



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.



118.3260, 111.7270, 40.1670



93.9980, 136.4380, 49.3820



171.6290, 87.0230, -7.7370



116.0010, 7.4270, 3.0670



56.6250, 112.3230, 40.3790



18.2390, 36.3560, 12.9320

Inverse Universe

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



118.3260, 111.7270, 40.1670



93.9980, 136.4380, 49.3820



140.3710, -87.0230, 7.7370



116.0010, 7.4270, 3.0670



56.6250, 112.3230, 40.3790



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 118.3260, 111.7270, 40.1670 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 118.3260, 111.7270, 40.1670 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 118.3260, 111.7270, 40.1670

Background



This preview shows how black text looks on a background with the YIQ color 118.3260, 111.7270, 40.1670.



This preview shows how white text looks on a background with the YIQ color 118.3260, 111.7270,

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

118.3260, 111.7270, 40.1670

Protanopia

133.1160, 22.5600, -12.3840

Deuteranopia

131.1820, 48.5570, -15.4670



Tritanopia

118.4400, 111.4060, 40.4780

Trichromacy



Original Color

118.3260, 111.7270, 40.1670

Protanomaly

127.3040, 54.9260, 6.7820

Deuteranomaly

126.5200, 71.7530, 4.6890

Tritanomaly

118.4400, 111.4060, 40.4780

Monochromacy



Original Color

118.3260, 111.7270, 40.1670

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.3320, 40.5280, 14.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3260, 111.7270, 40.1670 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, 62, 63)` looks like.

```
.text, #text, p{  
    color:rgb(250, 62, 63)  
}
```

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, 62, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 62, 63) }
```

Border

The CSS property to change the border of an element to YIQ 118.3260, 111.7270, 40.1670 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, 62, 63) }
```


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

```
.border{ border-color:rgb(250, 62, 63) }
```

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

Here you see how a box with a 4 pixel rgb(250, 62, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 62, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 62, 63);  
box-shadow:4px 4px 4px 4px rgb(250, 62,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3260, 111.7270, 40.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 62, 63) }
```

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

```
.background{ background-color: rgb(250, 62,  
63) }
```

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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