

Converting Colors

YIQ(120.2540, 103.0620,
37.5100)

Have a look what the booklet for
YIQ(120.2540, 103.0620, 37.5100)
contains.

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Color

**YIQ(120.2540, 103.0620,
37.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	F24446
RGB	242, 68, 70
RGB Percent	95%, 27%, 27%
CMY	0.0506, 0.7336, 0.7251
CMYK	0.00, 0.72, 0.71, 0.05
HSL	359°, 87%, 61%
HSV	359°, 72%, 95%
XYZ	39.8258, 23.4649, 8.2417
YIQ	120.2540, 103.0620, 37.5100

Conversions

Conversions Part 2

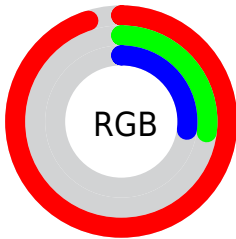
Format	Color
R_{YB}	242, 68, 70
Decimal	15877190
CIE Lab	55.55, 65.75, 38.76
CIE LCh	56, 76.325, 30.516
Yxy	23.4649, 0.5568, 0.3280
Android (android.graphics.Color)	4294067270 (0xFFFF24446)
YUV	120.2540, -24.7752, 106.7712
Hunter-Lab	48.4406, 61.9841, 23.8208

Details

The YIQ color **120.2540, 103.0620, 37.5100** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **189.7460, -103.0620, -37.5100**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **164.3600, 78.8560, 24.6480**, and **56.1860, 97.7420, 45.8220** is the 20% darker color. If you saturate the color by 10%, you get **103.4300, 117.3660, 42.5980**, and if you desaturate by 10%, it is **137.0780, 88.7580, 32.4220**.

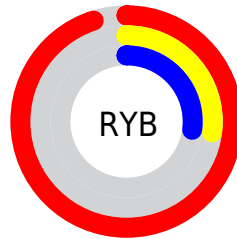
Distribution



Red (95%)

Green (27%)

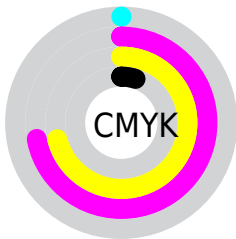
Blue (27%)



Red (95%)

Yellow (27%)

Blue (27%)

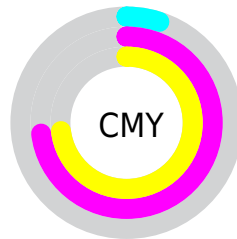


Cyan (0%)

Magenta (72%)

Yellow (71%)

Black (5%)



Cyan (5%)


Magenta (73%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.2540, 103.0620, 37.5100 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 120.2540, 103.0620, 37.5100 by changing the saturation by 10% instead.


 120.2540,
103.0620, 37.5100


 120.2540,
103.0620, 37.5100


255.0000, -0.0000,
-0.0000


 86.9320, 101.2730,
42.4010


 164.3600, 78.8560,
24.6480


 56.1860, 97.7420,
45.8220


 184.3470, 62.5350,
17.5670


 43.8820, 86.3740,
31.5740


 204.3340, 46.2140,
10.4860

 34.3850, 68.5400,
24.3800

 224.5490, 29.2510,
4.0270

 25.2300, 49.7430,
18.1190

 245.3510, 12.0130,
-2.9550

 16.6730, 32.1380,
12.2820

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 120.2540,
103.0620, 37.5100

■ 120.2540,
103.0620, 37.5100

■ 103.4300,
117.3660, 42.5980

■ 137.0780, 88.7580,
32.4220

■ 86.6060, 131.6700,
47.6860

■ 153.9020, 74.4540,
27.3340

■ 72.7000, 143.2690,
52.2370

■ 171.3130, 59.8750,
21.7230

■ 188.1370, 45.5710,
16.6350

■ 204.9610, 31.2670,
11.5470

221.7850, 16.9630,
6.4590

238.4950, 2.9800,
1.0600

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



117.4080, 89.2100, 68.2980



120.2540, 103.0620, 37.5100



123.2510, 96.8350, -9.3490

Triad

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



120.2540, 103.0620, 37.5100



99.3410, -63.3980, -62.5180



111.8370, -120.6300, 5.5620

Complementary

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



120.2540, 103.0620, 37.5100



189.7460, -103.0620, -37.5100

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.



119.9580, -122.8290, -4.1490



120.2540, 103.0620, 37.5100



110.1420, -86.9220, -43.6740

Square

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



120.2540, 103.0620, 37.5100



114.6830, 14.7280, -57.6880



117.7800, -108.4290, -22.8370



133.7500, -35.5410, 43.9070

Rectangle

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



120.2540, 103.0620, 37.5100



125.4230, 72.2630, -26.5930



117.7800, -108.4290, -22.8370



115.3590, -122.2800, 2.4240

Sweetspot

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



120.2540, 103.0620, 37.5100



215.8580, 33.0550, 12.1830



138.9650, 46.0620, 90.3660



104.2800, 19.9430, 7.5190



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.



120.2540, 103.0620, 37.5100



101.7090, 129.8820, 47.0500



169.3340, 80.6040, -7.0440



111.5880, 7.1520, 2.5440



55.2440, 109.0220, 39.6300



16.8580, 33.0550, 12.1830

Inverse Universe

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



120.2540, 103.0620, 37.5100



101.7090, 129.8820, 47.0500



140.6660, -80.6040, 7.0440



111.5880, 7.1520, 2.5440



55.2440, 109.0220, 39.6300



16.8580, 33.0550, 12.1830

Previews

White Background



This preview shows how the YIQ color 120.2540, 103.0620, 37.5100 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 120.2540, 103.0620, 37.5100 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 120.2540, 103.0620, 37.5100

Background



This preview shows how black text looks on a background with the YIQ color 120.2540, 103.0620, 37.5100.



This preview shows how white text looks on a background with the YIQ color 120.2540, 103.0620,

37.5100.

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

120.2540, 103.0620, 37.5100

Protanopia

131.7290, 19.3960, -10.1080

Deuteranopia

130.7240, 44.1550, -12.7810



Tritanopia

120.3680, 102.7410, 37.8210

Trichromacy



Original Color

120.2540, 103.0620, 37.5100

Protanomaly

127.4930, 50.0200, 7.5880

Deuteranomaly

127.2250, 65.3340, 5.3820

Tritanomaly

120.3680, 102.7410, 37.8210

Monochromacy



Original Color

120.2540, 103.0620, 37.5100

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9510, 37.2270, 13.6670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.2540, 103.0620, 37.5100 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(242, 68, 70)` looks like.

```
.text, #text, p{  
    color:rgb(242, 68, 70)  
}
```

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(242, 68, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 68, 70) }
```

Border

The CSS property to change the border of an element to YIQ 120.2540, 103.0620, 37.5100 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(242, 68, 70) }
```


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

```
.border{ border-color:rgb(242, 68, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 68, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 68, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 68, 70);  
box-shadow:4px 4px 4px 4px rgb(242, 68,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 120.2540, 103.0620, 37.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 68, 70) }
```

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

```
.background{ background-color: rgb(242, 68,  
70) }
```

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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