

Converting Colors

YIQ(110.6400, 107.9670,
42.2310)

Have a look what the booklet for
YIQ(110.6400, 107.9670, 42.2310)
contains.

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Color

**YIQ(110.6400, 107.9670,
42.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	F0363F
RGB	240, 54, 63
RGB Percent	94%, 21%, 25%
CMY	0.0584, 0.7885, 0.7525
CMYK	0.00, 0.78, 0.74, 0.06
HSL	357°, 86%, 58%
HSV	357°, 78%, 94%
XYZ	38.1897, 21.5364, 6.8625
YIQ	110.6400, 107.9670, 42.2310

Conversions

Conversions Part 2

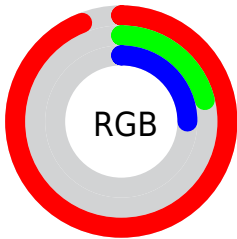
Format	Color
R_{YB}	240, 54, 63
Decimal	15742527
CIE _{Lab}	53.53, 69.25, 40.29
CIE _{LCh}	54, 80.117, 30.191
Yxy	21.5364, 0.5735, 0.3234
Android (android.graphics.Color)	4293932607 (0xFFFF0363F)
YUV	110.6400, -23.4865, 113.4487
Hunter-Lab	46.4074, 65.6791, 23.7176

Details

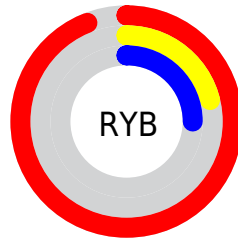
The YIQ color **110.6400, 107.9670, 42.2310** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **183.3600, -107.9670, -42.2310**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9910, 84.4490, 27.9130**, and **54.6050, 97.8800, 43.3200** is the 20% darker color. If you saturate the color by 10%, you get **93.9300, 121.9500, 47.6300**, and if you desaturate by 10%, it is **127.3500, 93.9840, 36.8320**.

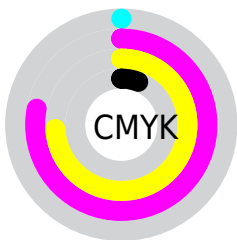
Distribution



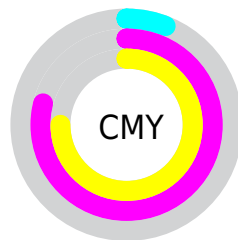
- Red (94%)
- Green (21%)
- Blue (25%)



- Red (94%)
- Yellow (21%)
- Blue (25%)



- Cyan (0%)
- Magenta (78%)
- Yellow (74%)
- Black (6%)





- Cyan (6%)
- Magenta (79%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.6400, 107.9670, 42.2310 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 110.6400, 107.9670, 42.2310 by changing the saturation by 10% instead.


 110.6400,
107.9670, 42.2310


 110.6400,
107.9670, 42.2310


255.0000, -0.0000,
-0.0000


 66.8660, 110.8070,
56.8470


 156.9910, 84.4490,
27.9130


 54.6050, 97.8800,
43.3200


 177.5650, 67.8530,
20.3090


 43.0560, 85.8240,
30.5280


 197.5520, 51.5320,
13.2280

 33.4880, 66.7520,
23.7440

 218.2400, 34.6150,
5.9350

 24.4470, 47.6340,
17.7940

 238.4550, 17.6520,
-0.5240

 15.4770, 29.7540,
11.4340

 254.0880, 2.5680,

 0.0000, 0.0000,

-2.4880

0.0000

■ 110.6400,
107.9670, 42.2310

■ 110.6400,
107.9670, 42.2310

■ 93.9300, 121.9500,
47.6300

■ 127.3500, 93.9840,
36.8320

■ 77.2200, 135.9330,
53.0290

■ 144.0600, 80.0010,
31.4330


■ 73.1280, 139.1880,
54.6120

■ 160.7700, 66.0180,
26.0340


■ 177.3660, 52.3560,
20.3240

■ 194.0760, 38.3730,
14.9250

■ 210.7860, 24.3900,
9.5260

 227.4960, 10.4070,
4.1270

 244.2060, -3.5760,
-1.2720

 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



102.5650, 96.4980, 79.3940



110.6400, 107.9670, 42.2310



118.2450, 96.9720, -6.3240

Triad

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



110.6400, 107.9670, 42.2310



95.8530, -59.0880, -63.5360



109.4890, -119.5300, 7.6540

Complementary

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



110.6400, 107.9670, 42.2310



183.3600, -107.9670, -42.2310

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.



117.4960, -121.4080, -2.3680



110.6400, 107.9670, 42.2310



106.5230, -83.6210, -42.9250

Square

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



110.6400, 107.9670, 42.2310



109.3560, 11.3350, -56.7690



114.5030, -106.0910, -21.1550



127.3520, -40.1720, 45.2360

Rectangle

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



110.6400, 107.9670, 42.2310



120.7050, 71.5290, -24.3030



114.5030, -106.0910, -21.1550



113.0110, -121.1800, 4.5160

Sweetspot

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



110.6400, 107.9670, 42.2310



213.9830, 34.2010, 13.4410



128.1270, 45.7860, 95.3700



102.9920, 20.8140, 8.2540



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.



110.6400, 107.9670, 42.2310



90.2310, 137.4000, 53.9760



158.9220, 87.7560, -4.5000



111.5880, 7.1520, 2.5440



56.0420, 106.7750, 41.8070



17.0860, 32.4130, 12.8050

Inverse Universe

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



110.6400, 107.9670, 42.2310



90.2310, 137.4000, 53.9760



135.0780, -87.7560, 4.5000



111.5880, 7.1520, 2.5440



56.0420, 106.7750, 41.8070



17.0860, 32.4130, 12.8050

Previews

White Background



This preview shows how the YIQ color 110.6400, 107.9670, 42.2310 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 110.6400, 107.9670, 42.2310 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 110.6400, 107.9670, 42.2310

Background



This preview shows how black text looks on a background with the YIQ color 110.6400, 107.9670, 42.2310.



This preview shows how white text looks on a background with the YIQ color 110.6400, 107.9670,

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

110.6400, 107.9670, 42.2310

Protanopia

126.7290, 19.3960, -10.1080

Deuteranopia

125.2680, 45.4390, -14.0250



Tritanopia

110.4290, 109.9390, 39.5310

Trichromacy



Original Color

110.6400, 107.9670, 42.2310

Protanomaly

120.9170, 51.7620, 9.0580

Deuteranomaly

119.7200, 68.3140, 6.4420

Tritanomaly

110.7710, 108.9760, 40.4640

Monochromacy



Original Color

110.6400, 107.9670, 42.2310

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.7880, 39.2440, 15.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.6400, 107.9670, 42.2310 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(240, 54, 63)` looks like.

```
.text, #text, p{  
    color:rgb(240, 54, 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(240, 54, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 54, 63) }
```

Border

The CSS property to change the border of an element to YIQ 110.6400, 107.9670, 42.2310 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(240, 54, 63) }
```


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

```
.border{ border-color:rgb(240, 54, 63) }
```

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

Here you see how a box with a 4 pixel rgb(240, 54, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 54, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 54, 63);  
box-shadow:4px 4px 4px 4px rgb(240, 54,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 110.6400, 107.9670, 42.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 54, 63) }
```

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

```
.background{ background-color: rgb(240, 54,  
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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