

Converting Colors

YIQ(110.0320, 103.5670,
33.8630)

Have a look what the booklet for
YIQ(110.0320, 103.5670, 33.8630)
contains.

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Color

**YIQ(110.0320, 103.5670,
33.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	E63C35
RGB	230, 60, 53
RGB Percent	90%, 24%, 21%
CMY	0.0976, 0.7649, 0.7917
CMYK	0.00, 0.74, 0.77, 0.10
HSL	2°, 78%, 56%
HSV	2°, 77%, 90%
XYZ	34.9231, 20.3221, 5.4629
YIQ	110.0320, 103.5670, 33.8630

Conversions

Conversions Part 2

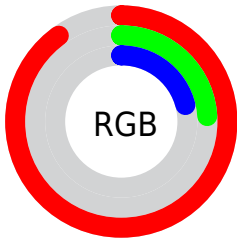
Format	Color
RYB	230, 60, 53
Decimal	15088693
CIELab	52.20, 64.16, 43.82
CIELCh	52, 77.693, 34.334
Yxy	20.3221, 0.5753, 0.3348
Android (android.graphics.Color)	4293278773 (0xFFE63C35)
YUV	110.0320, -28.1168, 105.2119
Hunter-Lab	45.0801, 59.3919, 24.3712

Details

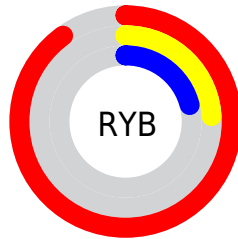
The YIQ color **110.0320, 103.5670, 33.8630** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **172.9680, -103.5670, -33.8630**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6120, 86.8340, 23.2340**, and **50.5460, 96.3680, 37.6800** is the 20% darker color. If you saturate the color by 10%, you get **94.4960, 117.0000, 38.2160**, and if you desaturate by 10%, it is **125.5680, 90.1340, 29.5100**.

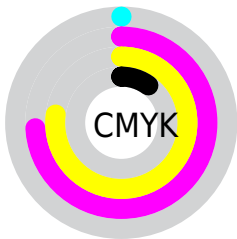
Distribution



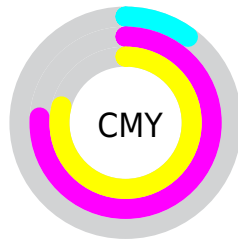
- Red (90%)
- Green (24%)
- Blue (21%)



- Red (90%)
- Yellow (24%)
- Blue (21%)



- Cyan (0%)
- Magenta (74%)
- Yellow (77%)
- Black (10%)





- Cyan (10%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.0320, 103.5670, 33.8630 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 110.0320, 103.5670, 33.8630 by changing the saturation by 10% instead.


 110.0320,
103.5670, 33.8630


 110.0320,
103.5670, 33.8630


255.0000, -0.0000,
-0.0000


 75.0630, 102.2820,
40.6340


 157.6120, 86.8340,
23.2340


 50.5460, 96.3680,
37.6800


 177.4850, 70.8340,
15.8420


 40.0660, 79.8640,
28.4080


 197.4720, 54.5130,
8.7610

 30.7970, 61.3880,
21.8360

 217.5730, 37.8710,
1.9910

 22.3540, 43.4620,
16.3100

 238.3750, 20.6330,
-4.9910

 12.9710, 25.3070,
9.4270

 252.7200, 6.4200,

 0.0000, 0.0000,

-6.2200

0.0000

■ 110.0320,
103.5670, 33.8630

■ 110.0320,
103.5670, 33.8630

■ 94.4960, 117.0000,
38.2160

■ 125.5680, 90.1340,
29.5100

■ 78.9600, 130.4330,
42.5690

■ 141.1040, 76.7010,
25.1570

■ 74.0530, 134.6050,
44.0530

■ 156.6400, 63.2680,
20.8040

■ 172.1760, 49.8350,
16.4510

■ 188.2990, 36.1270,
11.5750

■ 203.8350, 22.6940,
7.2220

■ 219.3710, 9.2610,
2.8690

■ 234.9070, -4.1720,
-1.4840

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



101.0500, 96.2700, 72.5100



110.0320, 103.5670, 33.8630



115.8310, 89.2700, -9.9140

Triad

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



110.0320, 103.5670, 33.8630



94.5310, -60.8770, -58.6450



105.3800, -117.6050, 11.3150

Complementary

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



110.0320, 103.5670, 33.8630



172.9680, -103.5670, -33.8630

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.



113.6320, -118.7950, -0.1630



110.0320, 103.5670, 33.8630



104.9730, -84.7680, -38.6560

Square

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



110.0320, 103.5670, 33.8630



103.9960, 3.5410, -58.6910



111.9100, -105.6790, -17.6070



125.6590, -24.8590, 48.5570

Rectangle

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



110.0320, 103.5670, 33.8630



117.1170, 64.3770, -26.8470



111.9100, -105.6790, -17.6070



109.4890, -119.5300, 7.6540

Sweetspot

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



110.0320, 103.5670, 33.8630



215.4020, 34.3390, 10.9390



125.4170, 50.6010, 90.7050



103.3510, 21.1810, 7.1090



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.



110.0320, 103.5670, 33.8630



95.5480, 137.5850, 45.1130



161.6880, 79.3670, -12.1610



107.1750, 6.8770, 2.0210



57.6300, 104.7590, 34.2870



16.4230, 29.8460, 9.7660

Inverse Universe

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



172.9680, -103.5670, -33.8630



179.4520, -137.5850, -45.1130



121.8990, -79.6420, 11.6380



110.8250, -6.8770, -2.0210



121.3700, -104.7590, -34.2870



34.5770, -29.8460, -9.7660

Previews

White Background



This preview shows how the YIQ color 110.0320, 103.5670, 33.8630 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 110.0320, 103.5670, 33.8630 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 110.0320, 103.5670, 33.8630

Background



This preview shows how black text looks on a background with the YIQ color 110.0320, 103.5670, 33.8630.



This preview shows how white text looks on a background with the YIQ color 110.0320, 103.5670,

33.8630.

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

110.0320, 103.5670, 33.8630

Protanopia

122.6600, 23.8440, -13.6280

Deuteranopia

121.1710, 47.0900, -16.4140



Tritanopia

110.3570, 101.2740, 36.8740

Trichromacy



Original Color

110.0320, 103.5670, 33.8630

Protanomaly

117.9400, 52.9550, 3.9550

Deuteranomaly

117.3730, 67.6730, 1.5370

Tritanomaly

110.0150, 102.2370, 35.9410

Monochromacy



Original Color

110.0320, 103.5670, 33.8630

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1960, 37.9150, 12.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.0320, 103.5670, 33.8630 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(230, 60, 53)` looks like.

```
.text, #text, p{  
  color:rgb(230, 60, 53)  
}
```

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(230, 60, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 60, 53) }
```

Border

The CSS property to change the border of an element to YIQ 110.0320, 103.5670, 33.8630 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(230, 60, 53) }
```


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

```
.border{ border-color:rgb(230, 60, 53) }
```

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

Here you see how a box with a 4 pixel rgb(230, 60, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 60, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 60, 53);  
box-shadow:4px 4px 4px 4px rgb(230, 60,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 110.0320, 103.5670, 33.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 60, 53) }
```

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

```
.background{ background-color: rgb(230, 60,  
53) }
```

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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