

Converting Colors

YIQ(119.8900, 101.0910,
34.6830)

Have a look what the booklet for
YIQ(119.8900, 101.0910, 34.6830)
contains.

YIQ(119.8900, 101.0910, 34.6830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(119.8900, 101.0910,
34.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4643
RGB	238, 70, 67
RGB Percent	93%, 27%, 26%
CMY	0.0663, 0.7257, 0.7368
CMYK	0.00, 0.71, 0.72, 0.07
HSL	1°, 83%, 60%
HSV	1°, 72%, 93%
XYZ	38.4959, 22.9727, 7.7316
YIQ	119.8900, 101.0910, 34.6830

Conversions

Conversions Part 2

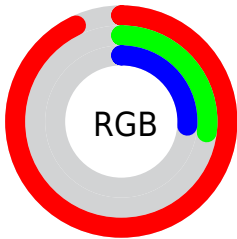
Format	Color
R_{YB}	238, 70, 67
Decimal	15615555
CIE Lab	55.04, 63.71, 39.67
CIE LCh	55, 75.054, 31.908
Yxy	22.9727, 0.5563, 0.3320
Android (android.graphics.Color)	4293805635 (0xFFEE4643)
YUV	119.8900, -26.0748, 103.5825
Hunter-Lab	47.9298, 59.4891, 23.9868

Details

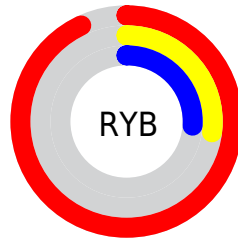
The YIQ color **119.8900, 101.0910, 34.6830** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **185.1100, -101.0910, -34.6830**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **164.6050, 79.5440, 23.1920**, and **54.6480, 96.3210, 44.0410** is the 20% darker color. If you saturate the color by 10%, you get **103.6530, 115.1200, 39.2480**, and if you desaturate by 10%, it is **136.1270, 87.0620, 30.1180**.

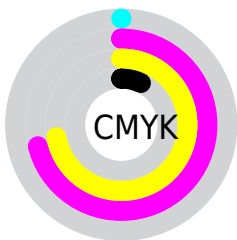
Distribution



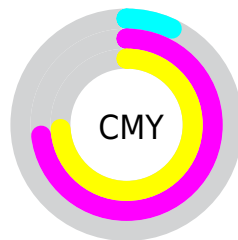
- Red (93%)
- Green (27%)
- Blue (26%)



- Red (93%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (71%)
- Yellow (72%)
- Black (7%)





- Cyan (7%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.8900, 101.0910, 34.6830 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 119.8900, 101.0910, 34.6830 by changing the saturation by 10% instead.


 119.8900,
101.0910, 34.6830


 119.8900,
101.0910, 34.6830


255.0000, -0.0000,
-0.0000


 87.7420, 98.7520,
38.5280


 164.6050, 79.5440,
23.1920


 54.6480, 96.3210,
44.0410


 184.4780, 63.5440,
15.8000


 42.7570, 85.2280,
30.3160


 204.5790, 46.9020,
9.0300

 33.1890, 66.1560,
23.5320

 224.6800, 30.2600,
2.2600

 24.3330, 47.9550,
17.4830

 245.4820, 13.0220,
-4.7220

 15.7760, 30.3500,
11.6460

254.6580, 0.9630,

 0.0000, 0.0000,

-0.9330

0.0000

■ 119.8900,
101.0910, 34.6830

■ 119.8900,
101.0910, 34.6830

■ 103.6530,
115.1200, 39.2480

■ 136.1270, 87.0620,
30.1180

■ 86.8290, 129.4240,
44.3360

■ 152.9510, 72.7580,
25.0300

■ 73.5100, 140.7480,
48.3640

■ 169.1880, 58.7290,
20.4650

■ 185.8980, 44.7460,
15.0660

■ 202.1350, 30.7170,
10.5010

■ 218.3720, 16.6880,
5.9360

■ 235.1960, 2.3840,
0.8480

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



116.9410, 89.0270, 66.1070



119.8900, 101.0910, 34.6830



122.6420, 94.1760, -10.7200

Triad

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



119.8900, 101.0910, 34.6830



99.0960, -64.0860, -61.0620



110.6630, -120.0800, 6.6080

Complementary

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



119.8900, 101.0910, 34.6830



185.1100, -101.0910, -34.6830

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.



118.5560, -121.6370, -3.7250



119.8900, 101.0910, 34.6830



109.1960, -87.0140, -42.0060

Square

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



119.8900, 101.0910, 34.6830



112.9000, 12.6190, -58.0130



116.6060, -107.8790, -21.7910



132.6150, -30.7270, 44.7690

Rectangle

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



119.8900, 101.0910, 34.6830



124.2270, 69.8790, -27.4410



116.6060, -107.8790, -21.7910



114.1850, -121.7300, 3.4700

Sweetspot

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



119.8900, 101.0910, 34.6830



216.3310, 33.1010, 11.3490



137.6230, 47.0250, 89.4330



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.



119.8900, 101.0910, 34.6830



103.2420, 129.6990, 44.8590



168.6110, 78.2660, -8.7260



111.5880, 7.1520, 2.5440



56.7770, 108.8390, 37.4390



17.3310, 33.1010, 11.3490

Inverse Universe

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



185.1100, -101.0910, -34.6830



187.1710, -129.4240, -44.3360



136.9760, -78.5410, 8.2030



116.4120, -7.1520, -2.5440



127.2230, -108.8390, -37.4390



38.6690, -33.1010, -11.3490

Previews

White Background



This preview shows how the YIQ color 119.8900, 101.0910, 34.6830 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 119.8900, 101.0910, 34.6830 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 119.8900, 101.0910, 34.6830

Background



This preview shows how black text looks on a background with the YIQ color 119.8900, 101.0910, 34.6830.



This preview shows how white text looks on a background with the YIQ color 119.8900, 101.0910,

34.6830.

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

119.8900, 101.0910, 34.6830

Protanopia

130.3870, 20.3590, -11.0410

Deuteranopia

129.4960, 44.7970, -13.4030



Tritanopia

119.8730, 99.7610, 36.7610

Trichromacy



Original Color

119.8900, 101.0910, 34.6830

Protanomaly

126.4390, 50.1120, 5.9200

Deuteranomaly

126.2850, 65.1050, 4.0250

Tritanomaly

119.6450, 100.4030, 36.1390

Monochromacy



Original Color

119.8900, 101.0910, 34.6830

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1250, 36.6770, 12.6210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8900, 101.0910, 34.6830 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(238, 70, 67)` looks like.

```
.text, #text, p{  
    color:rgb(238, 70, 67)  
}
```

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(238, 70, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 70, 67) }
```

Border

The CSS property to change the border of an element to YIQ 119.8900, 101.0910, 34.6830 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(238, 70, 67) }
```


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

```
.border{ border-color:rgb(238, 70, 67) }
```

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

Here you see how a box with a 4 pixel rgb(238, 70, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 70, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 70, 67);  
box-shadow:4px 4px 4px 4px rgb(238, 70,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8900, 101.0910, 34.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 70, 67) }
```

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

```
.background{ background-color: rgb(238, 70,  
67) }
```

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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