

Converting Colors

YIQ(121.7650, 99.9450, 33.4250)

Have a look what the booklet for
YIQ(121.7650, 99.9450, 33.4250)
contains.

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Color

**YIQ(121.7650, 99.9450,
33.4250)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4944
RGB	238, 73, 68
RGB Percent	93%, 29%, 27%
CMY	0.0663, 0.7140, 0.7329
CMYK	0.00, 0.69, 0.71, 0.07
HSL	2°, 83%, 60%
HSV	2°, 71%, 93%
XYZ	38.7178, 23.3689, 7.9552
YIQ	121.7650, 99.9450, 33.4250

Conversions

Conversions Part 2

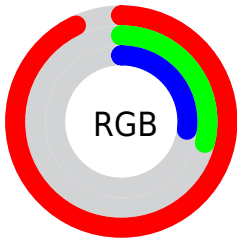
Format	Color
R_{YB}	238, 73, 68
Decimal	15616324
CIE _{Lab}	55.45, 62.67, 39.58
CIE _{LCh}	55, 74.123, 32.274
Yxy	23.3689, 0.5528, 0.3336
Android (android.graphics.Color)	4293806404 (0xFFEE4944)
YUV	121.7650, -26.5061, 101.9381
Hunter-Lab	48.3414, 58.3673, 24.0821

Details

The YIQ color **121.7650, 99.9450, 33.4250** 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 **184.2350, -99.9450, -33.4250**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **166.4800, 78.3980, 21.9340**, and **54.7620, 96.0000, 44.3520** is the 20% darker color. If you saturate the color by 10%, you get **105.5280, 113.9740, 37.9900**, and if you desaturate by 10%, it is **138.0020, 85.9160, 28.8600**.

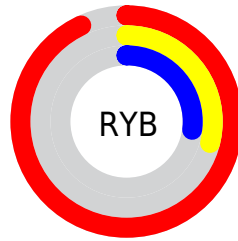
Distribution



Red (93%)

Green (29%)

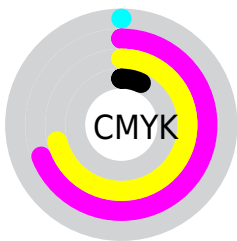
Blue (27%)



Red (93%)

Yellow (29%)

Blue (27%)

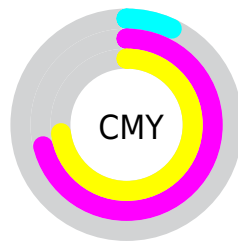


Cyan (0%)

Magenta (69%)

Yellow (71%)

Black (7%)



Cyan (7%)


Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.7650, 99.9450, 33.4250 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 121.7650, 99.9450, 33.4250 by changing the saturation by 10% instead.


 121.7650, 99.9450,
33.4250


 121.7650, 99.9450,
33.4250


255.0000, -0.0000,
-0.0000

 90.2040, 97.3310,
36.7470


 166.4800, 78.3980,
21.9340


 54.7620, 96.0000,
44.3520


 185.8800, 62.3520,
15.3760


 42.7570, 85.2280,
30.3160


 205.8670, 46.0310,
8.2950

 33.4880, 66.7520,
23.7440

 226.0820, 29.0680,
1.8360

 24.3330, 47.9550,
17.4830

 246.8840, 11.8300,
-5.1460

 15.7760, 30.3500,
11.6460

254.7720, 0.6420,

 0.0000, 0.0000,

-0.6220

0.0000

■ 121.7650, 99.9450,
33.4250

■ 121.7650, 99.9450,
33.4250

■ 105.5280,
113.9740, 37.9900

■ 138.0020, 85.9160,
28.8600

■ 89.2910, 128.0030,
42.5550

■ 154.2390, 71.8870,
24.2950

■ 75.2710, 139.9230,
46.7950

■ 170.4760, 57.8580,
19.7300

■ 186.5990, 44.1500,
14.8540

■ 203.4230, 29.8460,
9.7660

■ 219.6600, 15.8170,
5.2010

■ 235.8970, 1.7880,
0.6360

■ 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.



119.2890, 87.9270, 64.0150



121.7650, 99.9450, 33.4250



123.8160, 93.6260, -11.7660

Triad

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



121.7650, 99.9450, 33.4250



100.0250, -65.3240, -60.6520



111.2500, -120.3550, 6.0850

Complementary

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



121.7650, 99.9450, 33.4250



184.2350, -99.9450, -33.4250

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.



119.1430, -121.9120, -4.2480



121.7650, 99.9450, 33.4250



110.0110, -87.9310, -41.9070

Square

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



121.7650, 99.9450, 33.4250



113.7860, 12.9400, -58.3240



117.3070, -108.4750, -22.0030



134.0990, -29.2140, 44.8820

Rectangle

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



121.7650, 99.9450, 33.4250



124.8140, 69.6040, -27.9640



117.3070, -108.4750, -22.0030



114.7720, -122.0050, 2.9470

Sweetspot

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



121.7650, 99.9450, 33.4250



218.3200, 31.6340, 10.4020



137.8680, 47.7130, 87.9770



106.1550, 18.7970, 6.2610



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.



121.7650, 99.9450, 33.4250



105.0030, 128.8740, 43.2900



170.4860, 77.1200, -9.9840



111.5880, 7.1520, 2.5440



57.9510, 108.2890, 36.3930



17.9180, 32.8260, 10.8260

Inverse Universe

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



184.2350, -99.9450, -33.4250



185.9970, -128.8740, -43.2900



135.5140, -77.1200, 9.9840



116.4120, -7.1520, -2.5440



125.4620, -108.0140, -35.8700



38.6690, -33.1010, -11.3490

Previews

White Background



This preview shows how the YIQ color 121.7650, 99.9450, 33.4250 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 121.7650, 99.9450, 33.4250 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 121.7650, 99.9450, 33.4250

Background



This preview shows how black text looks on a background with the YIQ color 121.7650, 99.9450, 33.4250.



This preview shows how white text looks on a background with the YIQ color 121.7650, 99.9450,

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

121.7650, 99.9450, 33.4250

Protanopia

131.2730, 20.6800, -11.3520

Deuteranopia

130.4960, 44.7970, -13.4030



Tritanopia

121.9760, 97.9730, 36.1250

Trichromacy



Original Color

121.7650, 99.9450, 33.4250

Protanomaly

127.6130, 49.5620, 4.8740

Deuteranomaly

127.2850, 65.1050, 4.0250

Tritanomaly

121.6340, 98.9360, 35.1920

Monochromacy



Original Color

121.7650, 99.9450, 33.4250

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.7120, 36.4020, 12.0980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.7650, 99.9450, 33.4250 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, 73, 68)` looks like.

```
.text, #text, p{  
    color:rgb(238, 73, 68)  
}
```

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, 73, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 73, 68) }
```

Border

The CSS property to change the border of an element to YIQ 121.7650, 99.9450, 33.4250 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, 73, 68) }
```


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

```
.border{ border-color:rgb(238, 73, 68) }
```

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

Here you see how a box with a 4 pixel rgb(238, 73, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 73, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 73, 68);  
box-shadow:4px 4px 4px 4px rgb(238, 73,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 121.7650, 99.9450, 33.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 73, 68) }
```

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

```
.background{ background-color: rgb(238, 73,  
68) }
```

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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