

Converting Colors

YIQ(97.5960, 111.2670, 48.5070)

Have a look what the booklet for
YIQ(97.5960, 111.2670, 48.5070)
contains.

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Color

**YIQ(97.5960, 111.2670,
48.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	EA2439
RGB	234, 36, 57
RGB Percent	92%, 14%, 22%
CMY	0.0819, 0.8591, 0.7760
CMYK	0.00, 0.85, 0.76, 0.08
HSL	354°, 83%, 53%
HSV	354°, 85%, 92%
XYZ	35.3418, 19.0665, 5.7026
YIQ	97.5960, 111.2670, 48.5070

Conversions

Conversions Part 2

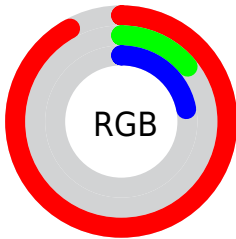
Format	Color
RYB	234, 36, 57
Decimal	15344697
CIELab	50.76, 71.77, 40.28
CIElCh	51, 82.298, 29.307
Yxy	19.0665, 0.5879, 0.3172
Android (android.graphics.Color)	4293534777 (0xFFEA2439)
YUV	97.5960, -20.0138, 119.6263
Hunter-Lab	43.6653, 68.0603, 22.8225

Details

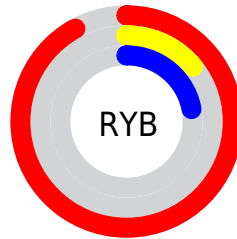
The YIQ color **97.5960, 111.2670, 48.5070** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **172.4040, -111.2670, -48.5070**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.7360, 89.7210, 31.4890**, and **52.2410, 95.9090, 40.4930** is the 20% darker color. If you saturate the color by 10%, you get **81.7010, 124.3330, 54.0050**, and if you desaturate by 10%, it is **113.4910, 98.2010, 43.0090**.

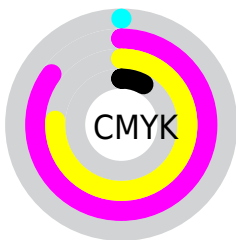
Distribution



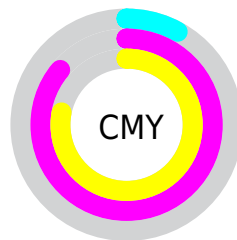
- Red (92%)
- Green (14%)
- Blue (22%)



- Red (92%)
- Yellow (14%)
- Blue (22%)



- Cyan (0%)
- Magenta (85%)
- Yellow (76%)
- Black (8%)





- Cyan (8%)
- Magenta (86%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 97.5960, 111.2670, 48.5070 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 97.5960, 111.2670, 48.5070 by changing the saturation by 10% instead.


 97.5960, 111.2670,
48.5070


 97.5960, 111.2670,
48.5070


255.0000, -0.0000,
-0.0000


 64.3880, 109.1570,
53.7090


 149.2630, 89.6750,
32.3230


 52.2410, 95.9090,
40.4930


 169.7230, 73.4000,
24.4080

 40.9630, 81.6520,
29.0440


 190.2970, 56.8040,
16.8040

 31.5090, 62.2590,
22.5710

 210.3980, 40.1620,
10.0340

 23.1800, 44.0120,
17.3560

 231.2000, 22.9240,
3.0520

 13.2700, 25.9030,
9.6390

 252.0020, 5.6860,

 0.0000, 0.0000,

-3.9300

0.0000

■ 97.5960, 111.2670,
48.5070

■ 97.5960, 111.2670,
48.5070

■ 81.7010, 124.3330,
54.0050

■ 113.4910, 98.2010,
43.0090

■ 72.8160, 131.4390,
57.3830

■ 129.9730, 84.8600,
36.9880

■ 145.8680, 71.7940,
31.4900

■ 162.3500, 58.4530,
25.4690

■ 178.2450, 45.3870,
19.9710

■ 194.1400, 32.3210,
14.4730

210.5080, 19.3010,
8.1410

226.4030, 6.2350,
2.6430

242.8850, -7.1060,
-3.3780

Harmonies

Analogous

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



85.2270, 100.8060, 89.4300



97.5960, 111.2670, 48.5070



110.5810, 96.1460, -2.3660

Triad

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



97.5960, 111.2670, 48.5070



89.6750, -52.7150, -63.3950



105.9670, -117.8800, 10.7920

Complementary

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



97.5960, 111.2670, 48.5070



172.4040, -111.2670, -48.5070

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.



112.7030, -117.5570, -0.5730



97.5960, 111.2670, 48.5070



100.8010, -78.5320, -41.5400

Square

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



97.5960, 111.2670, 48.5070



102.8550, 8.4920, -54.8040



109.4820, -101.5980, -19.9820



118.8890, -46.1780, 43.9500

Rectangle

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



97.5960, 111.2670, 48.5070



114.2150, 70.1530, -21.3910



109.4820, -101.5980, -19.9820



109.4890, -119.5300, 7.6540

Sweetspot

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



97.5960, 111.2670, 48.5070



210.9340, 35.8970, 15.7450



110.8970, 40.7420, 98.6780



101.1170, 21.9600, 9.5120



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.



97.5960, 111.2670, 48.5070



79.3230, 143.3130, 62.4570



139.8140, 97.1080, 2.2280



109.4030, 6.2350, 2.6430



56.2850, 101.7770, 44.2810



16.8300, 30.2580, 13.3140

Inverse Universe

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



97.5960, 111.2670, 48.5070



79.3230, 143.3130, 62.4570



130.1860, -97.1080, -2.2280



109.4030, 6.2350, 2.6430



56.2850, 101.7770, 44.2810



16.8300, 30.2580, 13.3140

Previews

White Background



This preview shows how the YIQ color 97.5960, 111.2670, 48.5070 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 97.5960, 111.2670, 48.5070 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 97.5960, 111.2670, 48.5070

Background



This preview shows how black text looks on a background with the YIQ color 97.5960, 111.2670, 48.5070.



This preview shows how white text looks on a background with the YIQ color 97.5960, 111.2670,

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

97.5960, 111.2670, 48.5070

Protanopia

119.9570, 18.7540, -9.4860

Deuteranopia

118.5560, 44.5680, -14.7600



Tritanopia

97.7780, 116.2660, 40.5060

Trichromacy



Original Color

97.5960, 111.2670, 48.5070

Protanomaly

111.7970, 52.2200, 11.7720

Deuteranomaly

111.0730, 68.8180, 8.3220

Tritanomaly

97.9890, 114.2940, 43.2060

Monochromacy



Original Color

97.5960, 111.2670, 48.5070

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.4400, 40.3440, 17.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5960, 111.2670, 48.5070 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(234, 36, 57)` looks like.

```
.text, #text, p{  
    color:rgb(234, 36, 57)  
}
```

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(234, 36, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 36, 57) }
```

Border

The CSS property to change the border of an element to YIQ 97.5960, 111.2670, 48.5070 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(234, 36, 57) }
```


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

```
.border{ border-color:rgb(234, 36, 57) }
```

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

Here you see how a box with a 4 pixel rgb(234, 36, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 36, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 36, 57);  
box-shadow:4px 4px 4px 4px rgb(234, 36,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 97.5960, 111.2670, 48.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 36, 57) }
```

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

```
.background{ background-color: rgb(234, 36,  
57) }
```

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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