

Converting Colors

YIQ(112.4610, 97.7450, 29.2410)

Have a look what the booklet for
YIQ(112.4610, 97.7450, 29.2410)
contains.

YIQ(112.4610, 97.7450, 29.2410)	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(112.4610, 97.7450,
29.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	E04336
RGB	224, 67, 54
RGB Percent	88%, 26%, 21%
CMY	0.1212, 0.7375, 0.7878
CMYK	0.00, 0.70, 0.76, 0.12
HSL	5°, 73%, 55%
HSV	5°, 76%, 88%
XYZ	33.4408, 20.1359, 5.6266
YIQ	112.4610, 97.7450, 29.2410

Conversions

Conversions Part 2

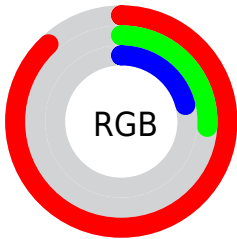
Format	Color
R_YB	224, 68, 54
Decimal	14697270
CIE Lab	51.99, 59.92, 42.73
CIE LCh	52, 73.593, 35.495
Yxy	20.1359, 0.5648, 0.3401
Android (android.graphics.Color)	4292887350 (0xFFE04336)
YUV	112.4610, -28.8213, 97.8197
Hunter-Lab	44.8731, 54.4959, 23.9768

Details

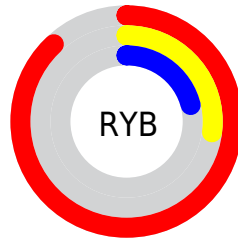
The YIQ color **112.4610, 97.7450, 29.2410** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **165.5390, -97.7450, -29.2410**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6610, 85.1380, 20.9300**, and **49.1650, 93.0670, 36.9310** is the 20% darker color. If you saturate the color by 10%, you get **97.6260, 110.5820, 33.3820**, and if you desaturate by 10%, it is **127.4100, 84.5870, 25.4110**.

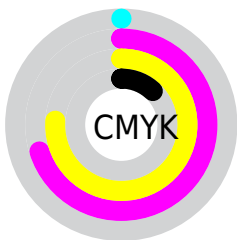
Distribution



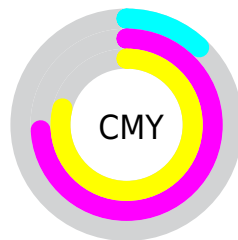
- Red (88%)
- Green (26%)
- Blue (21%)



- Red (88%)
- Yellow (27%)
- Blue (21%)



- Cyan (0%)
- Magenta (70%)
- Yellow (76%)
- Black (12%)





- Cyan (12%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.4610, 97.7450, 29.2410 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 112.4610, 97.7450, 29.2410 by changing the saturation by 10% instead.


 112.4610, 97.7450,
29.2410


 112.4610, 97.7450,
29.2410


255.0000, -0.0000,
-0.0000


 81.0140, 94.8100,
32.8740


 160.6610, 85.1380,
20.9300


 49.1650, 93.0670,
36.9310


 179.9470, 69.4130,
14.0610


 38.8700, 77.4800,
27.5600


 200.0480, 52.7710,
7.2910

 29.6010, 59.0040,
20.9880

 220.1490, 36.1290,
0.5210

 21.1580, 41.0780,
15.4620

 240.2500, 19.4870,
-6.2490

 11.7750, 22.9230,
8.5790

 252.9480, 5.7780,

 0.0000, 0.0000,

-5.5980

0.0000

■ 112.4610, 97.7450,
29.2410

■ 112.4610, 97.7450,
29.2410

■ 97.6260, 110.5820,
33.3820

■ 127.4100, 84.5870,
25.4110

■ 83.2640, 123.4650,
36.6890

■ 141.6580, 72.0250,
21.7930

■ 76.9550, 128.8290,
38.5970

■ 156.4930, 59.1880,
17.6520

■ 171.4420, 46.0300,
13.8220

■ 186.2770, 33.1930,
9.6810

■ 200.6390, 20.3100,
6.3740

■ 215.4740, 7.4730,
2.2330

■ 230.3090, -5.3640,
-1.9080

■ 244.5570,
-17.9260, -5.5260

Harmonies

Analogous

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



107.4310, 90.4030, 63.1950



112.4610, 97.7450, 29.2410



116.0970, 85.4650, -12.5430

Triad

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



112.4610, 97.7450, 29.2410



94.6280, -62.5280, -56.2560



103.7500, -115.7710, 11.1170

Complementary

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



112.4610, 97.7450, 29.2410



165.5390, -97.7450, -29.2410

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.



111.7740, -116.3190, -0.9830



112.4610, 97.7450, 29.2410



103.9130, -84.5390, -37.2990

Square

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



112.4610, 97.7450, 29.2410



103.7080, 4.4120, -57.9560



110.9810, -104.4410, -18.0170



125.9430, -19.9070, 46.9170

Rectangle

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



112.4610, 97.7450, 29.2410



116.5080, 61.7180, -28.2180



110.9810, -104.4410, -18.0170



107.8590, -117.6960, 7.4560

Sweetspot

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



112.4610, 97.7450, 29.2410



216.5760, 33.7890, 9.8930



122.9560, 50.2810, 85.4890



103.9380, 20.9060, 6.5860



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.



112.4610, 97.7450, 29.2410



102.3470, 133.5970, 40.2930



161.1820, 74.9200, -14.1680



104.8760, 6.2810, 1.8090



60.2550, 101.3210, 30.5130



16.7000, 27.5080, 8.0840

Inverse Universe

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



165.5390, -97.7450, -29.2410



175.0660, -133.3220, -39.7700



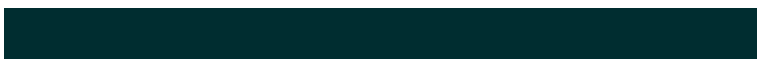
116.8180, -74.9200, 14.1680



108.1240, -6.2810, -1.8090



115.7450, -101.3210, -30.5130



31.8870, -27.7830, -8.6070

Previews

White Background



This preview shows how the YIQ color 112.4610, 97.7450, 29.2410 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 112.4610, 97.7450, 29.2410 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 112.4610, 97.7450, 29.2410

Background



This preview shows how black text looks on a background with the YIQ color 112.4610, 97.7450, 29.2410.



This preview shows how white text looks on a background with the YIQ color 112.4610, 97.7450,

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

112.4610, 97.7450, 29.2410

Protanopia

122.5460, 24.1650, -13.9390

Deuteranopia

120.8120, 46.7230, -15.2690



Tritanopia

113.1820, 94.3970, 34.8530

Trichromacy



Original Color

112.4610, 97.7450, 29.2410

Protanomaly

118.9890, 51.2590, 1.6510

Deuteranomaly

117.5900, 65.5640, 1.2120

Tritanomaly

113.1990, 95.7270, 32.7750

Monochromacy



Original Color

112.4610, 97.7450, 29.2410

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.4730, 35.5770, 10.5290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.4610, 97.7450, 29.2410 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(224, 67, 54)` looks like.

```
.text, #text, p{  
    color:rgb(224, 67, 54)  
}
```

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(224, 67, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 67, 54) }
```

Border

The CSS property to change the border of an element to YIQ 112.4610, 97.7450, 29.2410 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(224, 67, 54) }
```


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

```
.border{ border-color:rgb(224, 67, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 67, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 67, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 67, 54);  
box-shadow:4px 4px 4px 4px rgb(224, 67,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 112.4610, 97.7450, 29.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 67, 54) }
```

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

```
.background{ background-color: rgb(224, 67,  
54) }
```

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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