

Converting Colors

YIQ(84.3010, 122.0430, 40.4350)

Have a look what the booklet for
YIQ(84.3010, 122.0430, 40.4350)
contains.

YIQ(84.3010, 122.0430, 40.4350)	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(84.3010, 122.0430,
40.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	E21912
RGB	226, 25, 18
RGB Percent	89%, 10%, 7%
CMY	0.1133, 0.9022, 0.9289
CMYK	0.00, 0.89, 0.92, 0.11
HSL	2°, 85%, 48%
HSV	2°, 92%, 89%
XYZ	31.8580, 16.9240, 2.1652
YIQ	84.3010, 122.0430, 40.4350

Conversions

Conversions Part 2

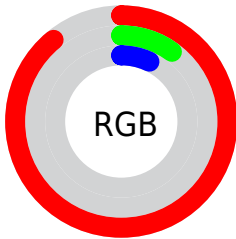
Format	Color
R_{YB}	226, 25, 18
Decimal	14817554
CIE _{Lab}	48.16, 70.75, 56.44
CIE _{LCh}	48, 90.507, 38.582
Yxy	16.9240, 0.6253, 0.3322
Android (android.graphics.Color)	4293007634 (0xFFE21912)
YUV	84.3010, -32.6864, 124.2700
Hunter-Lab	41.1388, 66.2377, 25.6767

Details

The YIQ color **84.3010, 122.0430, 40.4350** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **159.6990, -122.0430, -40.4350**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8220, 103.7980, 24.1660**, and **47.8400, 95.3600, 33.9200** is the 20% darker color. If you saturate the color by 10%, you get **71.6830, 132.7710, 44.2510**, and if you desaturate by 10%, it is **99.8370, 108.6100, 36.0820**.

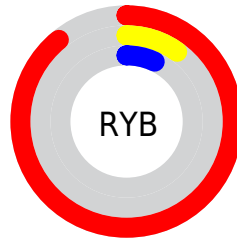
Distribution



Red (89%)

Green (10%)

Blue (7%)



Red (89%)

Yellow (10%)

Blue (7%)

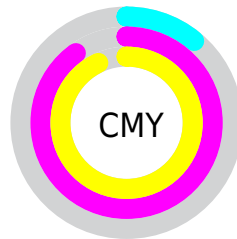


Cyan (0%)

Magenta (89%)

Yellow (92%)

Black (11%)



Cyan (11%)


Magenta (90%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.3010, 122.0430, 40.4350 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 84.3010, 122.0430, 40.4350 by changing the saturation by 10% instead.


 84.3010, 122.0430,
40.4350


 84.3010, 122.0430,
40.4350


255.0000, -0.0000,
-0.0000


 57.7070, 115.0280,
40.9160


 140.8220,
103.7980, 24.1660


 47.8400, 95.3600,
33.9200


 161.2820, 87.5230,
16.2510


 38.2720, 76.2880,
27.1360


 181.2690, 71.2020,
9.1700

 28.8180, 56.8950,
20.6630

 201.8430, 54.6060,
1.5660

 20.3750, 38.9690,
15.1370

 222.5310, 37.6890,
-5.7270


 10.2800, 19.9430,
7.5190


 243.3330, 20.4510,


 0.0000, 0.0000,


-12.7090


0.0000


 251.8080, 8.9880,
-8.7080


 84.3010, 122.0430,
40.4350

 84.3010, 122.0430,
40.4350


 71.6830, 132.7710,
44.2510

 99.8370, 108.6100,
36.0820

 115.2590, 95.4980,
31.4180

 130.7950, 82.0650,
27.0650

 145.7440, 68.9070,
23.2350

 161.1660, 55.7950,
18.5710

■ 176.7020, 42.3620,
14.2180

■ 192.1240, 29.2500,
9.5540

■ 207.6600, 15.8170,
5.2010

■ 223.1960, 2.3840,
0.8480

Harmonies

Analogous

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



83.3020, 113.4160, 81.1600



84.3010, 122.0430, 40.4350



106.9600, 84.5930, -7.7510

Triad

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



84.3010, 122.0430, 40.4350



88.8090, -55.7880, -57.2600



98.9230, -114.5800, 17.0680

Complementary

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



84.3010, 122.0430, 40.4350



159.6990, -122.0430, -40.4350

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.



110.0760, -119.8050, 7.1310



84.3010, 122.0430, 40.4350



99.9180, -82.9350, -33.3270

Square

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



84.3010, 122.0430, 40.4350



78.6580, -36.8500, -70.0820



108.3540, -106.6890, -10.3130



113.9410, -16.4250, 60.9110

Rectangle

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



84.3010, 122.0430, 40.4350



107.9140, 54.7030, -27.7370



108.3540, -106.6890, -10.3130



103.6190, -116.7800, 12.8840

Sweetspot

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



84.3010, 122.0430, 40.4350



206.4030, 41.7660, 14.0060



103.5620, 58.1630, 107.8510



98.3300, 25.6740, 8.2820



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.



84.3010, 122.0430, 40.4350



80.9410, 149.7800, 49.8760



143.5880, 94.2680, -12.3880



104.2890, 6.5560, 2.3320



56.1460, 103.2460, 34.1740



15.5260, 28.0580, 9.1300

Inverse Universe

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



159.6990, -122.0430, -40.4350



174.0590, -149.7800, -49.8760



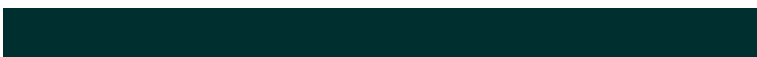
100.9990, -94.5430, 11.8650



108.7110, -6.5560, -2.3320



119.8540, -103.2460, -34.1740



33.0610, -28.3330, -9.6530

Previews

White Background



This preview shows how the YIQ color 84.3010, 122.0430, 40.4350 looks on a white background.

Color Contrast Check

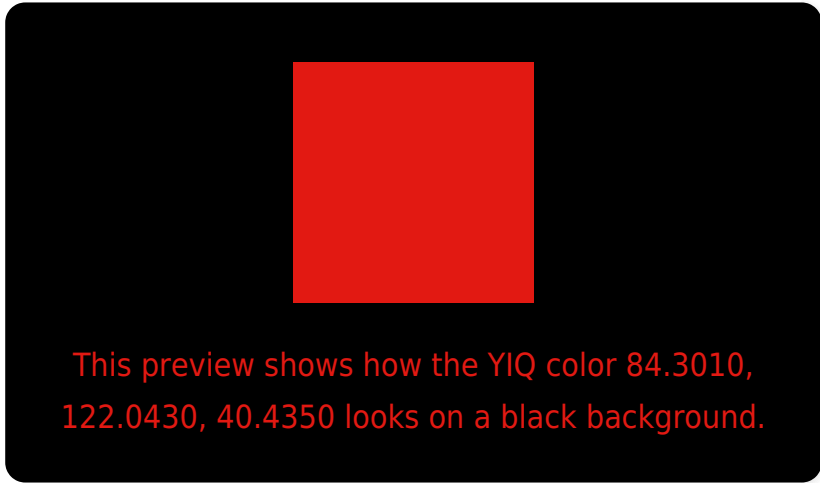
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 84.3010, 122.0430, 40.4350

Background



This preview shows how black text looks on a background with the YIQ color 84.3010, 122.0430, 40.4350.



This preview shows how white text looks on a background with the YIQ color 84.3010, 122.0430,

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

84.3010, 122.0430, 40.4350

Protanopia

110.8810, 33.1070, -21.8130

Deuteranopia

108.2240, 56.7660, -26.5780



Tritanopia

84.3010, 122.0430, 40.4350

Trichromacy



Original Color

84.3010, 122.0430, 40.4350

Protanomaly

101.1770, 65.2890, 0.6890

Deuteranomaly

99.4960, 80.3280, -2.0400

Tritanomaly

84.3010, 122.0430, 40.4350

Monochromacy



Original Color

84.3010, 122.0430, 40.4350

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.4850, 44.4710, 14.5430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.3010, 122.0430, 40.4350 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(226, 25, 18)` looks like.

```
.text, #text, p{  
    color:rgb(226, 25, 18)  
}
```

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(226, 25, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 25, 18) }
```

Border

The CSS property to change the border of an element to YIQ 84.3010, 122.0430, 40.4350 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(226, 25, 18) }
```


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

```
.border{ border-color:rgb(226, 25, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 25, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 25, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 25, 18);  
box-shadow:4px 4px 4px 4px rgb(226, 25,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 84.3010, 122.0430, 40.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 25, 18) }
```

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

```
.background{ background-color: rgb(226, 25,  
18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor