

Converting Colors

YIQ(82.4340, 111.5430, 43.5030)

Have a look what the booklet for
YIQ(82.4340, 111.5430, 43.5030)
contains.

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Color

**YIQ(82.4340, 111.5430,
43.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	D81821
RGB	216, 24, 33
RGB Percent	85%, 9%, 13%
CMY	0.1525, 0.9061, 0.8702
CMYK	0.00, 0.89, 0.85, 0.15
HSL	357°, 80%, 47%
HSV	357°, 89%, 85%
XYZ	28.9548, 15.3773, 2.8890
YIQ	82.4340, 111.5430, 43.5030

Conversions

Conversions Part 2

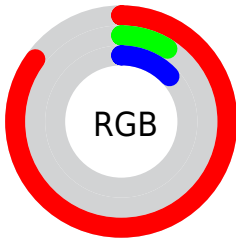
Format	Color
R_{YB}	216, 24, 33
Decimal	14161953
CIE Lab	46.15, 68.56, 47.50
CIE LCh	46, 83.404, 34.714
Yxy	15.3773, 0.6132, 0.3256
Android (android.graphics.Color)	4292352033 (0xFFD81821)
YUV	82.4340, -24.3710, 117.1374
Hunter-Lab	39.2139, 63.1769, 23.0816

Details

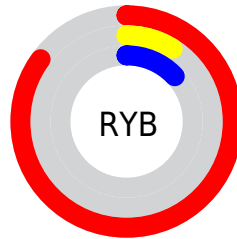
The YIQ color **82.4340, 111.5430, 43.5030** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **157.5660, -111.5430, -43.5030**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1300, 100.1750, 29.2550**, and **45.4480, 90.5920, 32.2240** is the 20% darker color. If you saturate the color by 10%, you get **67.2400, 124.0130, 48.7890**, and if you desaturate by 10%, it is **97.7420, 98.7520, 38.5280**.

Distribution



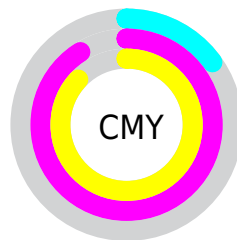
- Red (85%)
- Green (9%)
- Blue (13%)



- Red (85%)
- Yellow (9%)
- Blue (13%)



- Cyan (0%)
- Magenta (89%)
- Yellow (85%)
- Black (15%)





- Cyan (15%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.4340, 111.5430, 43.5030 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 82.4340, 111.5430, 43.5030 by changing the saturation by 10% instead.


 82.4340, 111.5430,
43.5030


 82.4340, 111.5430,
43.5030


255.0000, -0.0000,
-0.0000


 56.1560, 106.4540,
42.1180


 141.1300,
100.1750, 29.2550

 45.4480, 90.5920,
32.2240


 161.4760, 84.2210,
21.0290


 35.8800, 71.5200,
25.4400


 181.4630, 67.9000,
13.9480

 26.5400, 51.8060,
19.2780

 201.4500, 51.5790,
6.8670

 17.8690, 34.5220,
13.1300

 222.1380, 34.6620,
-0.4260

 5.9800, 11.9200,
4.2400

 242.3530, 17.6990,

 0.0000, 0.0000,

-6.8850

0.0000

253.2900, 4.8150,
-4.6650

82.4340, 111.5430,
43.5030

82.4340, 111.5430,
43.5030

67.2400, 124.0130,
48.7890

97.7420, 98.7520,
38.5280

65.7240, 125.5260,
48.9020

112.3490, 86.5570,
33.7650

127.6570, 73.7660,
28.7900

142.2640, 61.5710,
24.0270

157.5720, 48.7800,
19.0520

■ 172.8800, 35.9890,
14.0770

■ 187.4870, 23.7940,
9.3140

■ 202.7950, 11.0030,
4.3390

■ 217.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



79.2020, 101.9540, 79.6340



82.4340, 111.5430, 43.5030



101.0680, 84.4090, -4.4150

Triad

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



82.4340, 111.5430, 43.5030



83.5600, -50.6530, -56.7090



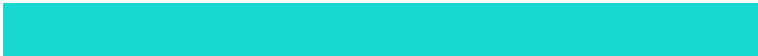
96.7060, -112.4710, 17.3930

Complementary

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



82.4340, 111.5430, 43.5030



157.5660, -111.5430, -43.5030

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.



104.5020, -112.3770, 4.6710



82.4340, 111.5430, 43.5030



93.9850, -75.8740, -34.6420

Square

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



82.4340, 111.5430, 43.5030



86.5200, -9.6180, -56.9940



101.8510, -98.0230, -13.1830



109.1580, -27.7020, 50.5220

Rectangle

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



82.4340, 111.5430, 43.5030



103.5170, 57.4990, -23.3410



101.8510, -98.0230, -13.1830



100.8150, -114.3960, 13.7320

Sweetspot

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



82.4340, 111.5430, 43.5030



206.9730, 40.1610, 15.5610



100.6050, 47.4360, 98.5080



99.4870, 23.7940, 9.3140



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.



82.4340, 111.5430, 43.5030



77.6130, 148.1280, 57.7920



131.8900, 90.7820, -4.2740



99.4030, 6.2350, 2.6430



52.0410, 99.3480, 38.7400



13.0850, 24.9860, 9.7380

Inverse Universe

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



82.4340, 111.5430, 43.5030



77.6130, 148.1280, 57.7920



108.1100, -90.7820, 4.2740



99.4030, 6.2350, 2.6430



52.0410, 99.3480, 38.7400



13.0850, 24.9860, 9.7380

Previews

White Background



This preview shows how the YIQ color 82.4340, 111.5430, 43.5030 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



This preview shows how the YIQ color 82.4340, 111.5430, 43.5030 looks on a 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 82.4340, 111.5430, 43.5030

Background



This preview shows how black text looks on a background with the YIQ color 82.4340, 111.5430, 43.5030.



This preview shows how white text looks on a background with the YIQ color 82.4340, 111.5430,

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

82.4340, 111.5430, 43.5030

Protanopia

107.6770, 25.1740, -15.7060

Deuteranopia

103.4950, 54.5650, -25.2350



Tritanopia

82.2400, 114.8450, 38.7250

Trichromacy



Original Color

82.4340, 111.5430, 43.5030

Protanomaly

98.2610, 56.4850, 6.0610

Deuteranomaly

96.2120, 75.3760, -0.4000

Tritanomaly

82.1090, 113.8360, 40.4920

Monochromacy



Original Color

82.4340, 111.5430, 43.5030

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.2720, 40.7570, 15.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.4340, 111.5430, 43.5030 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(216, 24, 33)` looks like.

```
.text, #text, p{  
    color:rgb(216, 24, 33)  
}
```

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(216, 24, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 24, 33) }
```

Border

The CSS property to change the border of an element to YIQ 82.4340, 111.5430, 43.5030 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(216, 24, 33) }
```


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

```
.border{ border-color:rgb(216, 24, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 24, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 24, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 24, 33);  
box-shadow:4px 4px 4px 4px rgb(216, 24,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 82.4340, 111.5430, 43.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 24, 33) }
```

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

```
.background{ background-color: rgb(216, 24,  
33) }
```

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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