

Converting Colors

YIQ(83.7070, 115.0280, 40.9160)

Have a look what the booklet for
YIQ(83.7070, 115.0280, 40.9160)
contains.

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Color

**YIQ(83.7070, 115.0280,
40.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	DB1A1A
RGB	219, 26, 26
RGB Percent	86%, 10%, 10%
CMY	0.1407, 0.8983, 0.8976
CMYK	0.00, 0.88, 0.88, 0.14
HSL	360°, 79%, 48%
HSV	360°, 88%, 86%
XYZ	29.8040, 15.8885, 2.4801
YIQ	83.7070, 115.0280, 40.9160

Conversions

Conversions Part 2

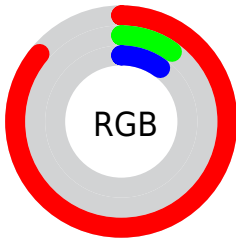
Format	Color
RYB	219, 26, 26
Decimal	14359066
CIELab	46.83, 68.88, 51.63
CIELCh	47, 86.082, 36.855
Yxy	15.8885, 0.6187, 0.3298
Android (android.graphics.Color)	4292549146 (0xFFDB1A1A)
YUV	83.7070, -28.4496, 118.6520
Hunter-Lab	39.8604, 63.7104, 24.2134

Details

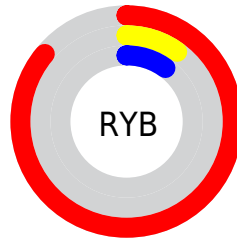
The YIQ color **83.7070, 115.0280, 40.9160** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **161.2930, -115.0280, -40.9160**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.9190, 102.1470, 26.5550**, and **46.0460, 91.7840, 32.6480** is the 20% darker color. If you saturate the color by 10%, you get **68.2850, 128.1400, 45.5800**, and if you desaturate by 10%, it is **99.1290, 101.9160, 36.2520**.

Distribution



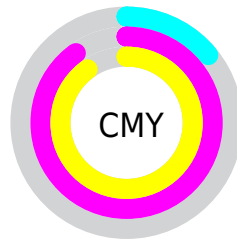
- Red (86%)
- Green (10%)
- Blue (10%)



- Red (86%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (88%)
- Yellow (88%)
- Black (14%)





- Cyan (14%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.7070, 115.0280, 40.9160 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 83.7070, 115.0280, 40.9160 by changing the saturation by 10% instead.


 83.7070, 115.0280,
40.9160


 83.7070, 115.0280,
40.9160


255.0000, -0.0000,
-0.0000


 55.8420, 110.2140,
40.0540


 140.9190,
102.1470, 26.5550


 46.0460, 91.7840,
32.6480


 161.3790, 85.8720,
18.6400


 36.4780, 72.7120,
25.8640


 181.3660, 69.5510,
11.5590

 27.3230, 53.9150,
19.6030

 201.3530, 53.2300,
4.4780

 18.5810, 35.3930,
13.8650

 222.0410, 36.3130,
-2.8150


 7.5890, 14.5790,
5.6110


 242.8430, 19.0750,


 0.0000, 0.0000,


-9.7970


0.0000


 252.4920, 7.0620,
-6.8420


 83.7070, 115.0280,
40.9160


 83.7070, 115.0280,
40.9160


 68.2850, 128.1400,
45.5800


 99.1290, 101.9160,
36.2520

 65.4810, 130.5240,
46.4280

 114.5510, 88.8040,
31.5880

 129.9730, 75.6920,
26.9240

 145.3950, 62.5800,
22.2600

 160.8170, 49.4680,
17.5960

■ 175.5380, 36.9520,
13.1440

■ 190.9600, 23.8400,
8.4800

■ 206.3820, 10.7280,
3.8160

■ 221.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



80.5400, 106.8140, 79.6620



83.7070, 115.0280, 40.9160



103.4160, 83.3090, -6.5070

Triad

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



83.7070, 115.0280, 40.9160



85.8910, -53.0830, -56.7230



97.1620, -113.7550, 18.6370

Complementary

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



83.7070, 115.0280, 40.9160



161.2930, -115.0280, -40.9160

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.



106.7020, -115.8160, 6.4240



83.7070, 115.0280, 40.9160



96.5440, -78.9460, -34.0340

Square

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



83.7070, 115.0280, 40.9160



83.7960, -19.3830, -61.7430



104.6380, -101.7370, -11.9530



111.0280, -21.2840, 55.3560

Rectangle

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



83.7070, 115.0280, 40.9160



104.6800, 55.4820, -25.3340



104.6380, -101.7370, -11.9530



101.8580, -115.9550, 14.4530

Sweetspot

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



83.7070, 115.0280, 40.9160



208.7340, 39.3360, 13.9920



104.8120, 51.2870, 100.3030



99.9600, 23.8400, 8.4800



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.



83.7070, 115.0280, 40.9160



76.2450, 151.9800, 54.0600



138.2980, 89.4530, -7.7230



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Inverse Universe

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



83.7070, 115.0280, 40.9160



76.2450, 151.9800, 54.0600



106.7020, -89.4530, 7.7230



102.2890, 6.5560, 2.3320



51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 83.7070, 115.0280, 40.9160 looks on a white background.

Color Contrast Check

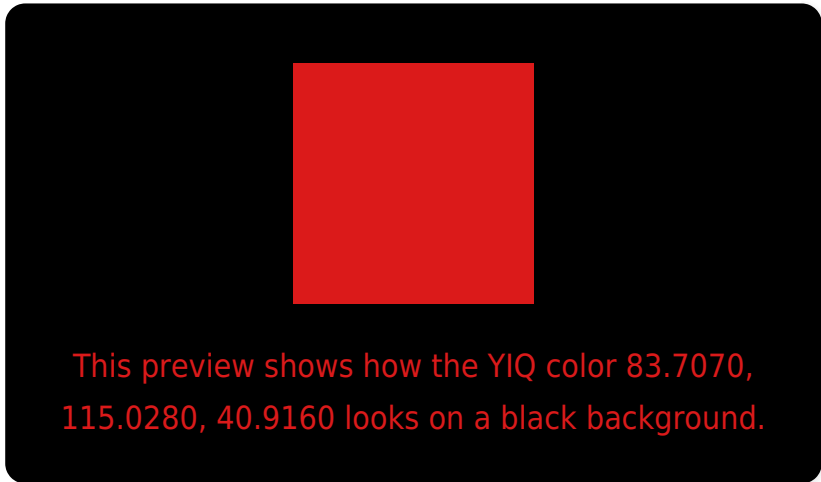
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.7070, 115.0280, 40.9160

Background



This preview shows how black text looks on a background with the YIQ color 83.7070, 115.0280, 40.9160.



This preview shows how white text looks on a background with the YIQ color 83.7070, 115.0280,

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

83.7070, 115.0280, 40.9160

Protanopia

108.2490, 29.2550, -18.0810

Deuteranopia

104.6800, 55.4820, -25.3340



Tritanopia

83.7240, 116.3580, 38.8380

Trichromacy



Original Color

83.7070, 115.0280, 40.9160

Protanomaly

99.4200, 60.2910, 3.1630

Deuteranomaly

97.0550, 77.2560, -1.4320

Tritanomaly

83.9520, 115.7160, 39.4600

Monochromacy



Original Color

83.7070, 115.0280, 40.9160

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.9300, 41.7200, 14.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.7070, 115.0280, 40.9160 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(219, 26, 26)` looks like.

```
.text, #text, p{  
    color:rgb(219, 26, 26)  
}
```

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(219, 26, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 26, 26) }
```

Border

The CSS property to change the border of an element to YIQ 83.7070, 115.0280, 40.9160 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(219, 26, 26) }
```


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

```
.border{ border-color:rgb(219, 26, 26) }
```

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

Here you see how a box with a 4 pixel rgb(219, 26, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 26, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 26, 26);  
box-shadow:4px 4px 4px 4px rgb(219, 26,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 83.7070, 115.0280, 40.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 26, 26) }
```

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

```
.background{ background-color: rgb(219, 26,  
26) }
```

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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