

Converting Colors

YIQ(95.5160, 87.8850, 42.7410)

Have a look what the booklet for
YIQ(95.5160, 87.8850, 42.7410)
contains.

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Color

**YIQ(95.5160, 87.8850,
42.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	CE2C47
RGB	206, 44, 71
RGB Percent	81%, 17%, 28%
CMY	0.1918, 0.8277, 0.7212
CMYK	0.00, 0.79, 0.66, 0.19
HSL	350°, 65%, 49%
HSV	350°, 79%, 81%
XYZ	27.5203, 15.3888, 7.4952
YIQ	95.5160, 87.8850, 42.7410

Conversions

Conversions Part 2

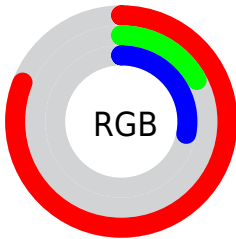
Format	Color
RYB	206, 44, 71
Decimal	13511751
CIELab	46.16, 62.84, 25.21
CIELCh	46, 67.709, 21.859
Yxy	15.3888, 0.5460, 0.3053
Android (android.graphics.Color)	4291701831 (0xFFCE2C47)
YUV	95.5160, -12.0864, 96.8945
Hunter-Lab	39.2286, 56.5742, 16.1318

Details

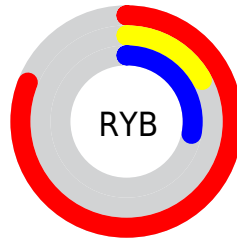
The YIQ color **95.5160, 87.8850, 42.7410** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **154.4840, -87.8850, -42.7410**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4460, 84.9060, 36.1540**, and **46.2480, 76.8360, 39.2360** is the 20% darker color. If you saturate the color by 10%, you get **81.2510, 99.1170, 48.4370**, and if you desaturate by 10%, it is **109.7810, 76.6530, 37.0450**.

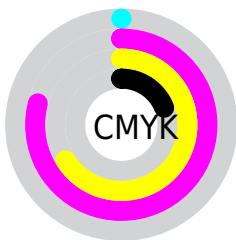
Distribution



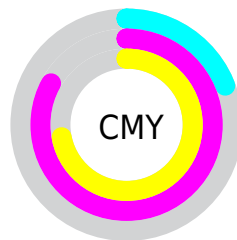
- Red (81%)
- Green (17%)
- Blue (28%)



- Red (81%)
- Yellow (17%)
- Blue (28%)



- Cyan (0%)
- Magenta (79%)
- Yellow (66%)
- Black (19%)





- Cyan (19%)
- Magenta (83%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.5160, 87.8850, 42.7410 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 95.5160, 87.8850, 42.7410 by changing the saturation by 10% instead.


 95.5160, 87.8850,
42.7410


 95.5160, 87.8850,
42.7410


255.0000, -0.0000,
-0.0000


 57.9110, 88.5710,
52.3390


 151.4460, 84.9060,
36.1540


 46.2480, 76.8360,
39.2360


 171.4330, 68.5850,
29.0730


 34.5420, 66.6600,
25.4120


 190.8330, 52.5390,
22.5150

 24.9310, 49.1470,
17.9070

 211.0480, 35.5760,
16.0560

 16.6730, 32.1380,
12.2820

 231.2630, 18.6130,
9.5970

 2.3920, 4.7680,
1.6960

 252.0650, 1.3750,

 0.0000, 0.0000,

2.6150

0.0000

■ 95.5160, 87.8850,
42.7410

■ 95.5160, 87.8850,
42.7410

■ 81.2510, 99.1170,
48.4370

■ 109.7810, 76.6530,
37.0450

■ 67.5730, 110.0740,
53.6100

■ 123.4590, 65.6960,
31.8720

■ 65.4700, 111.8620,
54.2460

■ 137.8380, 54.1430,
26.4870

■ 151.5160, 43.1860,
21.3140

■ 165.7810, 31.9540,
15.6180

■ 180.0460, 20.7220,
9.9220

■ 193.7240, 9.7650,
4.7490

■ 207.9890, -1.4670,
-0.9470

■ 221.7810,
-12.7450, -5.8090

Harmonies

Analogous

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



98.0570, 68.0290, 61.1890



95.5160, 87.8850, 42.7410



100.7080, 85.7830, 3.7270

Triad

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



95.5160, 87.8850, 42.7410



78.5560, -44.8300, -57.6140



96.4490, -104.8580, 6.0700

Complementary

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



95.5160, 87.8850, 42.7410



154.4840, -87.8850, -42.7410

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.



99.4690, -99.5830, -6.9350



95.5160, 87.8850, 42.7410



88.4450, -65.7860, -41.2580

Square

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



95.5160, 87.8850, 42.7410



97.6600, 22.7030, -42.5210



95.7580, -85.0000, -23.4320



103.0470, -58.9670, 27.9210

Rectangle

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



95.5160, 87.8850, 42.7410



103.0180, 69.5100, -15.2420



95.7580, -85.0000, -23.4320



98.2270, -104.3530, 2.4230

Sweetspot

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



95.5160, 87.8850, 42.7410



213.3790, 33.1460, 16.0420



101.9360, 26.6700, 78.3660



102.7470, 20.1260, 9.7100



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.



95.5160, 87.8850, 42.7410



91.3200, 130.2000, 63.3200



122.3750, 82.5270, 7.6710



95.2180, 5.3180, 2.7420



52.8260, 89.9480, 43.9000



12.0460, 20.7220, 9.9220

Inverse Universe

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



95.5160, 87.8850, 42.7410



91.3200, 130.2000, 63.3200



127.6250, -82.5270, -7.6710



95.2180, 5.3180, 2.7420



52.8260, 89.9480, 43.9000



12.0460, 20.7220, 9.9220

Previews

White Background



This preview shows how the YIQ color 95.5160, 87.8850, 42.7410 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 95.5160, 87.8850, 42.7410 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 95.5160, 87.8850, 42.7410

Background



This preview shows how black text looks on a background with the YIQ color 95.5160, 87.8850, 42.7410.



This preview shows how white text looks on a background with the YIQ color 95.5160, 87.8850,

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

95.5160, 87.8850, 42.7410

Protanopia

110.1270, 6.8320, -2.6720

Deuteranopia

108.8830, 30.7660, -6.9140



Tritanopia

95.1710, 92.9300, 33.9060

Trichromacy



Original Color

95.5160, 87.8850, 42.7410

Protanomaly

104.7660, 36.3100, 13.7660

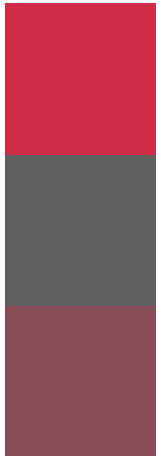
Deuteranomaly

104.0850, 51.3490, 11.0370

Tritanomaly

95.4960, 90.6370, 36.9170

Monochromacy



Original Color

95.5160, 87.8850, 42.7410

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.7810, 31.9540, 15.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.5160, 87.8850, 42.7410 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(206, 44, 71)` looks like.

```
.text, #text, p{  
    color:rgb(206, 44, 71)  
}
```

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(206, 44, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 44, 71) }
```

Border

The CSS property to change the border of an element to YIQ 95.5160, 87.8850, 42.7410 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(206, 44, 71) }
```


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

```
.border{ border-color:rgb(206, 44, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 44, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 44, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 44, 71);  
box-shadow:4px 4px 4px 4px rgb(206, 44,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 95.5160, 87.8850, 42.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 44, 71) }
```

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

```
.background{ background-color: rgb(206, 44,  
71) }
```

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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