

Converting Colors

YIQ(94.1030, 87.6100, 42.2180)

Have a look what the booklet for
YIQ(94.1030, 87.6100, 42.2180)
contains.

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Color

**YIQ(94.1030, 87.6100,
42.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2B45
RGB	204, 43, 69
RGB Percent	80%, 17%, 27%
CMY	0.1996, 0.8316, 0.7291
CMYK	0.00, 0.79, 0.66, 0.20
HSL	350°, 65%, 48%
HSV	350°, 79%, 80%
XYZ	26.8680, 15.0053, 7.1240
YIQ	94.1030, 87.6100, 42.2180

Conversions

Conversions Part 2

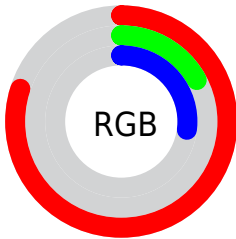
Format	Color
RYB	204, 43, 69
Decimal	13380421
CIELab	45.64, 62.45, 25.69
CIElCh	46, 67.528, 22.358
Yxy	15.0053, 0.5484, 0.3062
Android (android.graphics.Color)	4291570501 (0xFFCC2B45)
YUV	94.1030, -12.3758, 96.3797
Hunter-Lab	38.7367, 56.0192, 16.2117

Details

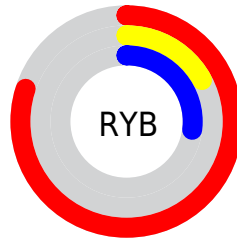
The YIQ color **94.1030, 87.6100, 42.2180** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **152.8970, -87.6100, -42.2180**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6310, 85.8230, 36.0550**, and **45.4220, 76.2860, 38.1900** is the 20% darker color. If you saturate the color by 10%, you get **80.4250, 98.5670, 47.3910**, and if you desaturate by 10%, it is **107.7810, 76.6530, 37.0450**.

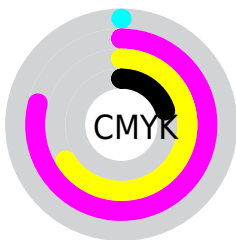
Distribution



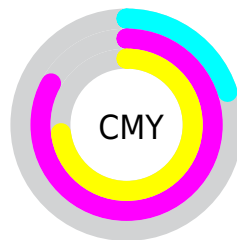
- Red (80%)
- Green (17%)
- Blue (27%)



- Red (80%)
- Yellow (17%)
- Blue (27%)



- Cyan (0%)
- Magenta (79%)
- Yellow (66%)
- Black (20%)





- Cyan (20%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.1030, 87.6100, 42.2180 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 94.1030, 87.6100, 42.2180 by changing the saturation by 10% instead.


 94.1030, 87.6100,
42.2180


 94.1030, 87.6100,
42.2180


255.0000, -0.0000,
-0.0000


 57.0850, 88.0210,
51.2930


 150.6310, 85.8230,
36.0550


 45.5360, 75.9650,
38.5010


 170.6180, 69.5020,
28.9740


 33.4880, 66.7520,
23.7440


 190.0180, 53.4560,
22.4160

 24.6320, 48.5510,
17.6950

 210.1190, 36.8140,
15.6460

 16.0750, 30.9460,
11.8580

 230.3340, 19.8510,
9.1870

 0.2990, 0.5960,
0.2120

 251.2500, 2.2920,

 0.0000, 0.0000,

2.5160

0.0000

■ 94.1030, 87.6100,
42.2180

■ 94.1030, 87.6100,
42.2180

■ 80.4250, 98.5670,
47.3910

■ 107.7810, 76.6530,
37.0450

■ 66.1600, 109.7990,
53.0870

■ 122.0460, 65.4210,
31.3490

■ 64.7580, 110.9910,
53.5110

■ 135.7240, 54.4640,
26.1760

■ 149.9890, 43.2320,
20.4800

■ 163.7810, 31.9540,
15.6180

■ 177.4590, 20.9970,
10.4450

■ 191.7240, 9.7650,
4.7490

■ 205.4020, -1.1920,
-0.4240

■ 219.6670,
-12.4240, -6.1200

Harmonies

Analogous

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



96.0570, 68.0290, 61.1890



94.1030, 87.6100, 42.2180



99.1810, 85.8290, 2.8930

Triad

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



94.1030, 87.6100, 42.2180



77.9690, -44.5550, -57.0910



95.6340, -103.9410, 5.9710

Complementary

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



94.1030, 87.6100, 42.2180



152.8970, -87.6100, -42.2180

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.



98.1810, -98.7120, -6.2000



94.1030, 87.6100, 42.2180



87.2710, -65.2360, -40.2120

Square

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



94.1030, 87.6100, 42.2180



96.4750, 21.7860, -42.4220



94.5840, -84.4500, -22.3860



102.5310, -57.4540, 28.0340

Rectangle

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



94.1030, 87.6100, 42.2180



101.8330, 68.5930, -15.1430



94.5840, -84.4500, -22.3860



97.5260, -103.7570, 2.6350

Sweetspot

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



94.1030, 87.6100, 42.2180



213.3790, 33.1460, 16.0420



101.4200, 28.1830, 78.4790



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.



94.1030, 87.6100, 42.2180



89.8040, 131.7130, 63.4330



122.8370, 81.1060, 5.8900



95.1040, 5.6390, 2.4310



52.7120, 90.2690, 43.5890



12.0460, 20.7220, 9.9220

Inverse Universe

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



94.1030, 87.6100, 42.2180



89.8040, 131.7130, 63.4330



124.1630, -81.1060, -5.8900



95.1040, 5.6390, 2.4310



52.7120, 90.2690, 43.5890



12.0460, 20.7220, 9.9220

Previews

White Background



This preview shows how the YIQ color 94.1030, 87.6100, 42.2180 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 94.1030, 87.6100, 42.2180 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 94.1030, 87.6100, 42.2180

Background



This preview shows how black text looks on a background with the YIQ color 94.1030, 87.6100, 42.2180.



This preview shows how white text looks on a background with the YIQ color 94.1030, 87.6100,

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

94.1030, 87.6100, 42.2180

Protanopia

108.8990, 7.4740, -3.2940

Deuteranopia

107.7690, 31.0870, -7.2250



Tritanopia

93.7580, 92.6550, 33.3830

Trichromacy



Original Color

94.1030, 87.6100, 42.2180

Protanomaly

103.6520, 36.6310, 13.4550

Deuteranomaly

102.9710, 51.6700, 10.7260

Tritanomaly

94.0830, 90.3620, 36.3940

Monochromacy



Original Color

94.1030, 87.6100, 42.2180

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7810, 31.9540, 15.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.1030, 87.6100, 42.2180 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(204, 43, 69)` looks like.

```
.text, #text, p{  
    color:rgb(204, 43, 69)  
}
```

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(204, 43, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 43, 69) }
```

Border

The CSS property to change the border of an element to YIQ 94.1030, 87.6100, 42.2180 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(204, 43, 69) }
```


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

```
.border{ border-color:rgb(204, 43, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 43, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 43, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 43, 69);  
box-shadow:4px 4px 4px 4px rgb(204, 43,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 94.1030, 87.6100, 42.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 43, 69) }
```

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

```
.background{ background-color: rgb(204, 43,  
69) }
```

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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