

Converting Colors

YIQ(95.8860, 89.7190, 42.5430)

Have a look what the booklet for
YIQ(95.8860, 89.7190, 42.5430)
contains.

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Color

**YIQ(95.8860, 89.7190,
42.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	D02C45
RGB	208, 44, 69
RGB Percent	82%, 17%, 27%
CMY	0.1839, 0.8277, 0.7291
CMYK	0.00, 0.79, 0.67, 0.18
HSL	351°, 65%, 49%
HSV	351°, 79%, 82%
XYZ	28.0165, 15.6519, 7.1887
YIQ	95.8860, 89.7190, 42.5430

Conversions

Conversions Part 2

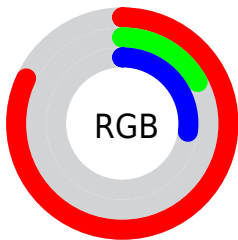
Format	Color
RYB	208, 44, 69
Decimal	13642821
CIELab	46.51, 63.30, 26.95
CIElCh	47, 68.797, 23.062
Yxy	15.6519, 0.5509, 0.3078
Android (android.graphics.Color)	4291832901 (0xFFD02C45)
YUV	95.8860, -13.2548, 98.3240
Hunter-Lab	39.5625, 57.1720, 16.9204

Details

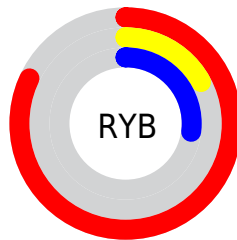
The YIQ color **95.8860, 89.7190, 42.5430** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **156.1140, -89.7190, -42.5430**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2180, 85.5480, 35.5320**, and **46.6180, 78.6700, 39.0380** is the 20% darker color. If you saturate the color by 10%, you get **81.5070, 101.2720, 47.9280**, and if you desaturate by 10%, it is **110.2650, 78.1660, 37.1580**.

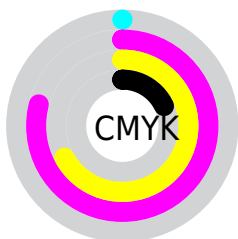
Distribution



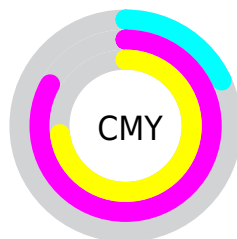
- Red (82%)
- Green (17%)
- Blue (27%)



- Red (82%)
- Yellow (17%)
- Blue (27%)



- Cyan (0%)
- Magenta (79%)
- Yellow (67%)
- Black (18%)





- Cyan (18%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.8860, 89.7190, 42.5430 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 95.8860, 89.7190, 42.5430 by changing the saturation by 10% instead.


 95.8860, 89.7190,
42.5430


 95.8860, 89.7190,
42.5430


255.0000, -0.0000,
-0.0000


 58.2810, 90.4050,
52.1410


 151.2180, 85.5480,
35.5320


 46.6180, 78.6700,
39.0380


 171.2050, 69.2270,
28.4510


 34.7980, 68.8150,
24.9030


 191.1920, 52.9060,
21.3700

 25.5290, 50.3390,
18.3310

 210.7060, 36.5390,
15.1230

 16.9720, 32.7340,
12.4940

 231.5080, 19.3010,
8.1410

 3.8870, 7.7480,
2.7560

 252.4240, 1.7420,

 0.0000, 0.0000,

1.4700

0.0000

■ 95.8860, 89.7190,
42.5430

■ 95.8860, 89.7190,
42.5430

■ 81.5070, 101.2720,
47.9280

■ 110.2650, 78.1660,
37.1580

■ 67.2420, 112.5040,
53.6240

■ 124.5300, 66.9340,
31.4620

■ 65.8400, 113.6960,
54.0480

■ 138.3220, 55.6560,
26.6000

■ 152.7010, 44.1030,
21.2150

■ 166.9660, 32.8710,
15.5190

■ 181.3450, 21.3180,
10.1340

■ 195.6100, 10.0860,
4.4380

■ 209.4020, -1.1920,
-0.4240

■ 223.7810,
-12.7450, -5.8090

Harmonies

Analogous

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



97.0790, 70.9630, 63.0830



95.8860, 89.7190, 42.5430



101.4970, 87.7550, 1.0270

Triad

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



95.8860, 89.7190, 42.5430



79.9580, -46.0220, -58.0380



97.3780, -106.0960, 6.4800

Complementary

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



95.8860, 89.7190, 42.5430



156.1140, -89.7190, -42.5430

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.



100.5120, -101.1420, -6.2140



95.8860, 89.7190, 42.5430



89.3740, -67.0240, -40.8480

Square

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



95.8860, 89.7190, 42.5430



97.6490, 21.2360, -43.4680



96.8010, -86.5590, -22.7110



105.0690, -56.0330, 29.8150

Rectangle

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



95.8860, 89.7190, 42.5430



103.6050, 69.2350, -15.7650



96.8010, -86.5590, -22.7110



99.2700, -105.9120, 3.1440

Sweetspot

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



95.8860, 89.7190, 42.5430



213.2650, 33.4670, 15.7310



103.6590, 29.0080, 80.0480



102.6330, 20.4470, 9.3990



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.



95.8860, 89.7190, 42.5430



89.5760, 132.3550, 62.8110



125.3210, 82.6190, 6.0030



97.5170, 5.9140, 2.9540



53.1960, 91.7820, 43.7020



12.9430, 22.5100, 10.5580

Inverse Universe

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



95.8860, 89.7190, 42.5430



89.5760, 132.3550, 62.8110



126.6790, -82.6190, -6.0030



97.5170, 5.9140, 2.9540



53.1960, 91.7820, 43.7020



12.9430, 22.5100, 10.5580

Previews

White Background



This preview shows how the YIQ color 95.8860, 89.7190, 42.5430 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 95.8860, 89.7190, 42.5430 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 95.8860, 89.7190, 42.5430

Background



This preview shows how black text looks on a background with the YIQ color 95.8860, 89.7190, 42.5430.



This preview shows how white text looks on a background with the YIQ color 95.8860, 89.7190,

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

95.8860, 89.7190, 42.5430

Protanopia

110.9700, 8.7120, -3.7040

Deuteranopia

109.7260, 32.6460, -7.9460



Tritanopia

95.6550, 94.4430, 34.0190

Trichromacy



Original Color

95.8860, 89.7190, 42.5430

Protanomaly

105.7230, 37.8690, 13.0450

Deuteranomaly

104.3410, 53.5040, 10.5280

Tritanomaly

95.8660, 92.4710, 36.7190

Monochromacy



Original Color

95.8860, 89.7190, 42.5430

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9660, 32.8710, 15.5190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.8860, 89.7190, 42.5430 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(208, 44, 69)` looks like.

```
.text, #text, p{  
    color:rgb(208, 44, 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(208, 44, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 44, 69) }
```

Border

The CSS property to change the border of an element to YIQ 95.8860, 89.7190, 42.5430 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(208, 44, 69) }
```


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

```
.border{ border-color:rgb(208, 44, 69) }
```

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

Here you see how a box with a 4 pixel rgb(208, 44, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 44, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 44, 69);  
box-shadow:4px 4px 4px 4px rgb(208, 44,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 95.8860, 89.7190, 42.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 44, 69) }
```

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

```
.background{ background-color: rgb(208, 44,  
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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