

Converting Colors

YIQ(95.4260, 96.8260, 40.3940)

Have a look what the booklet for
YIQ(95.4260, 96.8260, 40.3940)
contains.

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Color

**YIQ(95.4260, 96.8260,
40.3940)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D52B39 |
| RGB | 213, 43, 57 |
| RGB Percent | 84%, 17%, 22% |
| CMY | 0.1643, 0.8316, 0.7761 |
| CMYK | 0.00, 0.80, 0.73, 0.16 |
| HSL | 355°, 67%, 50% |
| HSV | 355°, 80%, 84% |
| XYZ | 29.0733, 16.1808, 5.4742 |
| YIQ | 95.4260, 96.8260, 40.3940 |

Conversions

Conversions Part 2

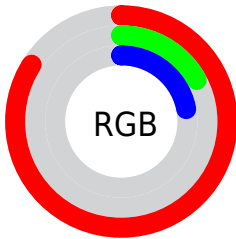
| Format | Color |
|-------------------------------------|---|
| RYB | 213, 43, 57 |
| Decimal | 13970233 |
| CIELab | 47.21, 64.43, 35.17 |
| CIElCh | 47, 73.403, 28.627 |
| Yxy | 16.1808, 0.5731, 0.3190 |
| Android (android.graphics.Color) | 4292160313 (0xFFD52B39) |
| YUV | 95.4260, -18.9440, 103.1124 |
| Hunter-Lab | 40.2254, 58.6183, 20.0891 |

Details

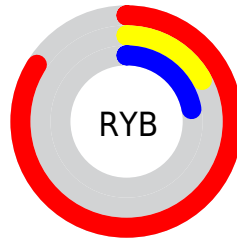
The YIQ color **95.4260, 96.8260, 40.3940** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **160.5740, -96.8260, -40.3940**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7360, 89.7210, 31.4890**, and **46.5600, 84.5850, 36.4650** is the 20% darker color. If you saturate the color by 10%, you get **80.9330, 108.7000, 45.4680**, and if you desaturate by 10%, it is **110.0330, 84.6310, 35.6310**.

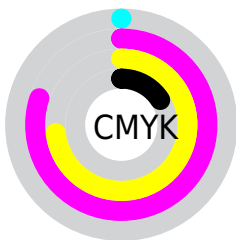
Distribution



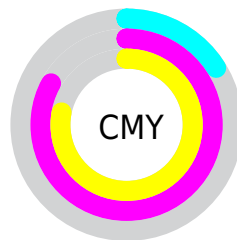
- Red (84%)
- Green (17%)
- Blue (22%)



- Red (84%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (73%)
- Black (16%)





- Cyan (16%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.4260, 96.8260, 40.3940 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 95.4260, 96.8260, 40.3940 by changing the saturation by 10% instead.


 95.4260, 96.8260,
40.3940


 95.4260, 96.8260,
40.3940


255.0000, -0.0000,
-0.0000


 58.1090, 96.6410,
49.2570


 149.7360, 89.7210,
31.4890


 46.5600, 84.5850,
36.4650


 169.7230, 73.4000,
24.4080


 35.5810, 70.9240,
25.2280


 189.7100, 57.0790,
17.3270

 26.4260, 52.1270,
18.9670

 209.8110, 40.4370,
10.5570

 17.8690, 34.5220,
13.1300

 229.9120, 23.7950,
3.7870

 6.2790, 12.5160,
4.4520

 250.8280, 6.2360,

 0.0000, 0.0000,

-2.8840

0.0000

■ 95.4260, 96.8260,
40.3940

■ 95.4260, 96.8260,
40.3940

■ 80.9330, 108.7000,
45.4680

■ 110.0330, 84.6310,
35.6310

■ 65.7390, 121.1700,
50.7540

■ 125.1130, 72.4820,
30.0340

■ 139.7200, 60.2870,
25.2710

■ 154.2130, 48.4130,
20.1970

■ 168.8200, 36.2180,
15.4340

■ 183.9000, 24.0690,
9.8370

■ 198.5070, 11.8740,
5.0740

■ 213.0000, -0.0000,
0.0000

■ 228.1940,
-12.4700, -5.2860

Harmonies

Analogous

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



88.8900, 85.0370, 72.3410



95.4260, 96.8260, 40.3940



102.8620, 87.9850, -3.1430

Triad

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



95.4260, 96.8260, 40.3940



83.3320, -50.0110, -57.3310



98.0450, -109.3520, 10.4240

Complementary

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



95.4260, 96.8260, 40.3940



160.5740, -96.8260, -40.3940

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.



103.5100, -106.8280, -2.2840



95.4260, 96.8260, 40.3940



93.2040, -72.2970, -38.8970

Square

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



95.4260, 96.8260, 40.3940



96.3980, 11.5170, -49.0510



100.3860, -92.5200, -19.3040



110.6520, -41.3170, 38.4510

Rectangle

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



95.4260, 96.8260, 40.3940



105.6320, 64.6050, -19.9630



100.3860, -92.5200, -19.3040



101.2250, -110.0390, 6.3530

Sweetspot

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



95.4260, 96.8260, 40.3940



212.8090, 34.7510, 14.4870



109.0240, 38.4060, 85.9420



102.4050, 21.0890, 8.7770



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.



95.4260, 96.8260, 40.3940



85.6490, 139.2790, 58.4710



135.5070, 81.7950, -1.0930



99.4030, 6.2350, 2.6430



52.7250, 97.4220, 40.6060



13.3130, 24.3440, 10.3600

Inverse Universe

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



95.4260, 96.8260, 40.3940



85.6490, 139.2790, 58.4710



120.4930, -81.7950, 1.0930



99.4030, 6.2350, 2.6430



52.7250, 97.4220, 40.6060



13.3130, 24.3440, 10.3600

Previews

White Background



This preview shows how the YIQ color 95.4260, 96.8260, 40.3940 looks on a white background.

Color Contrast Check

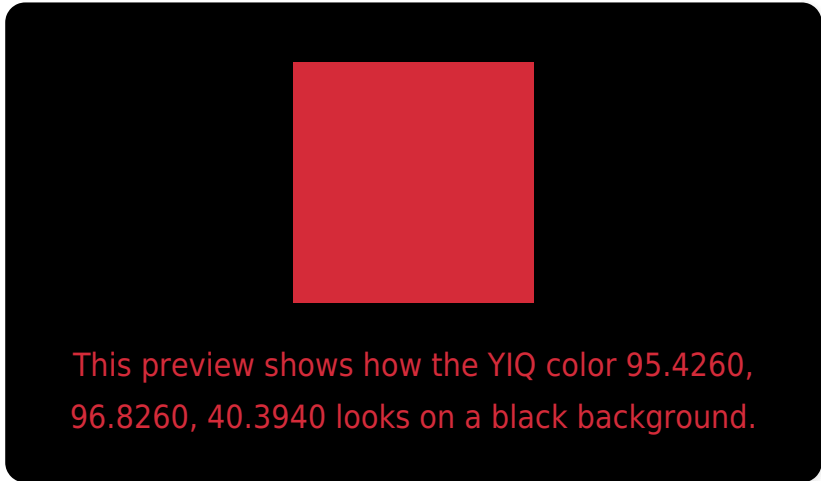
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.4260, 96.8260, 40.3940

Background



This preview shows how black text looks on a background with the YIQ color 95.4260, 96.8260, 40.3940.



This preview shows how white text looks on a background with the YIQ color 95.4260, 96.8260,

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

95.4260, 96.8260, 40.3940

Protanopia

111.9290, 15.9570, -8.3550

Deuteranopia

110.0270, 38.9280, -11.6640



Tritanopia

95.2320, 100.1280, 35.6160

Trichromacy



Original Color

95.4260, 96.8260, 40.3940

Protanomaly

106.2090, 45.0680, 9.2280

Deuteranomaly

105.0550, 60.0610, 7.3330

Tritanomaly

95.1010, 99.1190, 37.3830

Monochromacy



Original Color

95.4260, 96.8260, 40.3940

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1080, 35.3470, 14.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4260, 96.8260, 40.3940 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(213, 43, 57)` looks like.

```
.text, #text, p{  
    color:rgb(213, 43, 57)  
}
```

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(213, 43, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 43, 57) }
```

Border

The CSS property to change the border of an element to YIQ 95.4260, 96.8260, 40.3940 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(213, 43, 57) }
```


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

```
.border{ border-color:rgb(213, 43, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 43, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 43, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 43, 57);  
box-shadow:4px 4px 4px 4px rgb(213, 43,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4260, 96.8260, 40.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 43, 57) }
```

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

```
.background{ background-color: rgb(213, 43,  
57) }
```

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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