

Converting Colors

YIQ(93.6010, 103.7030, 42.4150)

Have a look what the booklet for
YIQ(93.6010, 103.7030, 42.4150)
contains.

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Color

**YIQ(93.6010, 103.7030,
42.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	DB2633
RGB	219, 38, 51
RGB Percent	86%, 15%, 20%
CMY	0.1407, 0.8512, 0.7996
CMYK	0.00, 0.83, 0.77, 0.14
HSL	356°, 72%, 50%
HSV	356°, 83%, 86%
XYZ	30.5376, 16.6987, 4.7575
YIQ	93.6010, 103.7030, 42.4150

Conversions

Conversions Part 2

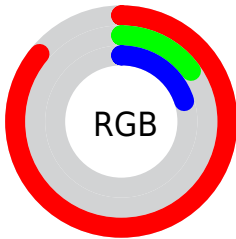
Format	Color
RYB	219, 38, 51
Decimal	14362163
CIELab	47.88, 67.12, 39.69
CIElCh	48, 77.975, 30.600
Yxy	16.6987, 0.5873, 0.3212
Android (android.graphics.Color)	4292552243 (0xFFDB2633)
YUV	93.6010, -21.0023, 109.9749
Hunter-Lab	40.8641, 61.8803, 21.7022

Details

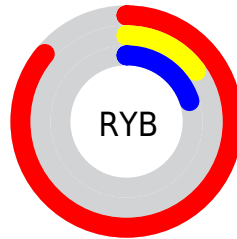
The YIQ color **93.6010, 103.7030, 42.4150** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **163.3990, -103.7030, -42.4150**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8780, 92.1970, 30.6690**, and **47.1430, 90.1330, 35.0370** is the 20% darker color. If you saturate the color by 10%, you get **78.4070, 116.1730, 47.7010**, and if you desaturate by 10%, it is **108.7950, 91.2330, 37.1290**.

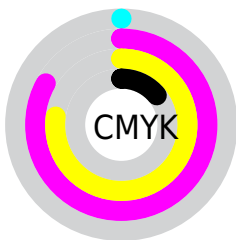
Distribution



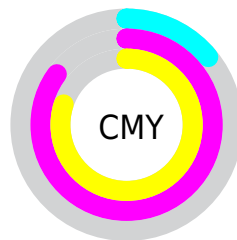
- Red (86%)
- Green (15%)
- Blue (20%)



- Red (86%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (83%)
- Yellow (77%)
- Black (14%)





- Cyan (14%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.6010, 103.7030, 42.4150 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 93.6010, 103.7030, 42.4150 by changing the saturation by 10% instead.


 93.6010, 103.7030,
42.4150


 93.6010, 103.7030,
42.4150


255.0000, -0.0000,
-0.0000


 59.2190, 102.1430,
48.6630


 147.8780, 92.1970,
30.6690


 47.1430, 90.1330,
35.0370


 167.7510, 76.1970,
23.2770


 37.0760, 73.9040,
26.2880


 187.7380, 59.8760,
16.1960

 27.6220, 54.5110,
19.8150

 207.8390, 43.2340,
9.4260

 19.1790, 36.5850,
14.2890

 228.5270, 26.3170,
2.1330

 8.4860, 16.3670,
6.2470

 249.4430, 8.7580,

 0.0000, 0.0000,

-4.5380

0.0000

■ 93.6010, 103.7030,
42.4150

■ 93.6010, 103.7030,
42.4150

■ 78.4070, 116.1730,
47.7010

■ 108.7950, 91.2330,
37.1290

■ 67.3050, 125.3880,
51.4040

■ 124.1030, 78.4420,
32.1540

■ 139.2970, 65.9720,
26.8680

■ 154.4910, 53.5020,
21.5820

■ 169.2120, 40.9860,
17.1300

■ 184.4060, 28.5160,
11.8440

■ 199.6000, 16.0460,
6.5580

■ 214.9080, 3.2550,
1.5830

■ 230.1020, -9.2150,
-3.7030

Harmonies

Analogous

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



79.7870, 95.9930, 83.0410



93.6010, 103.7030, 42.4150



104.6340, 88.6270, -3.7650

Triad

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



93.6010, 103.7030, 42.4150



85.2070, -51.1570, -58.5890



99.7720, -112.8370, 13.0110

Complementary

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



93.6010, 103.7030, 42.4150



163.3990, -103.7030, -42.4150

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.



105.9380, -110.9090, 0.0910



93.6010, 103.7030, 42.4150



95.6490, -75.0480, -38.6000

Square

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



93.6010, 103.7030, 42.4150



95.7670, 5.9240, -52.3160



103.2870, -96.5550, -17.7630



112.6680, -38.2460, 43.3700

Rectangle

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



93.6010, 103.7030, 42.4150



107.6920, 64.3760, -21.3200



103.2870, -96.5550, -17.7630



103.0660, -113.8450, 9.2510

Sweetspot

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



93.6010, 103.7030, 42.4150



210.7060, 36.5390, 15.1230



108.2680, 40.8350, 91.4830



101.0030, 22.2810, 9.2010



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.



93.6010, 103.7030, 42.4150



80.4000, 144.4140, 59.0220



136.1440, 87.2510, -0.8530



102.2890, 6.5560, 2.3320



53.2090, 98.9350, 40.7190



14.0960, 26.4530, 10.6850

Inverse Universe

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



93.6010, 103.7030, 42.4150



80.4000, 144.4140, 59.0220



120.8560, -87.2510, 0.8530



102.2890, 6.5560, 2.3320



53.2090, 98.9350, 40.7190



14.0960, 26.4530, 10.6850

Previews

White Background



This preview shows how the YIQ color 93.6010, 103.7030, 42.4150 looks on a white background.

Color Contrast Check

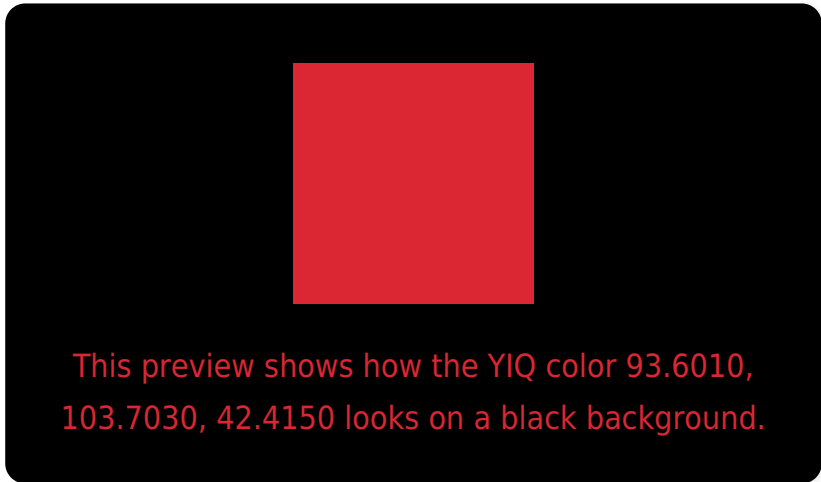
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6010, 103.7030, 42.4150

Background



This preview shows how black text looks on a background with the YIQ color 93.6010, 103.7030, 42.4150.



This preview shows how white text looks on a background with the YIQ color 93.6010, 103.7030,

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

93.6010, 103.7030, 42.4150

Protanopia

112.4300, 18.8000, -10.3200

Deuteranopia

111.0720, 43.0550, -14.8730



Tritanopia

93.4070, 107.0050, 37.6370

Trichromacy



Original Color

93.6010, 103.7030, 42.4150

Protanomaly

105.5470, 49.9280, 9.2560

Deuteranomaly

104.7520, 65.2880, 6.2160

Tritanomaly

93.2760, 105.9960, 39.4040

Monochromacy



Original Color

93.6010, 103.7030, 42.4150

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8910, 37.4560, 15.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6010, 103.7030, 42.4150 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, 38, 51)` looks like.

```
.text, #text, p{  
    color:rgb(219, 38, 51)  
}
```

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, 38, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 38, 51) }
```

Border

The CSS property to change the border of an element to YIQ 93.6010, 103.7030, 42.4150 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, 38, 51) }
```


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

```
.border{ border-color:rgb(219, 38, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 38, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 38, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 38, 51);  
box-shadow:4px 4px 4px 4px rgb(219, 38,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6010, 103.7030, 42.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 38, 51) }
```

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

```
.background{ background-color: rgb(219, 38,  
51) }
```

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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