

Converting Colors

YIQ(100.5480, 94.0270, 52.5790)

Have a look what the booklet for
YIQ(100.5480, 94.0270, 52.5790)
contains.

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Color

**YIQ(100.5480, 94.0270,
52.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	DF2956
RGB	223, 41, 86
RGB Percent	87%, 16%, 34%
CMY	0.1250, 0.8394, 0.6624
CMYK	0.00, 0.82, 0.61, 0.13
HSL	345°, 74%, 52%
HSV	345°, 82%, 87%
XYZ	32.9412, 17.9605, 10.5529
YIQ	100.5480, 94.0270, 52.5790

Conversions

Conversions Part 2

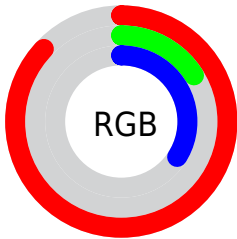
Format	Color
RYB	223, 41, 86
Decimal	14625110
CIELab	49.45, 69.11, 20.97
CIElCh	49, 72.221, 16.882
Yxy	17.9605, 0.5360, 0.2923
Android (android.graphics.Color)	4292815190 (0xFFDF2956)
YUV	100.5480, -7.1722, 107.3904
Hunter-Lab	42.3799, 64.5803, 14.9023

Details

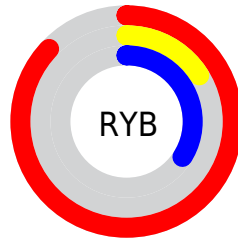
The YIQ color **100.5480, 94.0270, 52.5790** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **163.4520, -94.0270, -52.5790**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8570, 79.4950, 40.6070**, and **52.6280, 81.8780, 46.9820** is the 20% darker color. If you saturate the color by 10%, you get **85.6960, 105.5340, 58.7980**, and if you desaturate by 10%, it is **115.4000, 82.5200, 46.3600**.

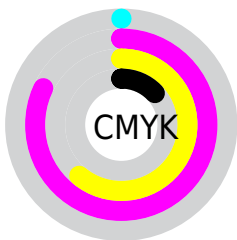
Distribution



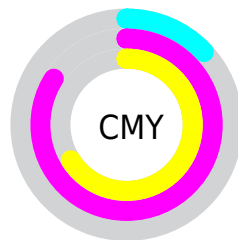
- Red (87%)
- Green (16%)
- Blue (34%)



- Red (87%)
- Yellow (16%)
- Blue (34%)



- Cyan (0%)
- Magenta (82%)
- Yellow (61%)
- Black (13%)




- Cyan (13%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 100.5480, 94.0270, 52.5790 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 100.5480, 94.0270, 52.5790 by changing the saturation by 10% instead.


 100.5480, 94.0270,
52.5790

 100.5480, 94.0270,
52.5790


255.0000, -0.0000,
-0.0000


 64.5900, 94.2090,
60.2970


 153.8570, 79.4950,
40.6070

 52.6280, 81.8780,
46.9820


 174.5450, 62.5780,
33.3140


 41.0790, 69.8220,
34.1900


 194.6460, 45.9360,
26.5440

 29.7150, 58.6830,
21.2990

 214.7470, 29.2940,
19.7740

 21.2720, 40.7570,
15.7730

 235.6630, 11.7350,
13.1030

 11.1770, 21.7310,
8.1550

254.4130, 0.2750,

 0.0000, 0.0000,

0.5230

0.0000

■ 100.5480, 94.0270,
52.5790

■ 100.5480, 94.0270,
52.5790

■ 85.6960, 105.5340,
58.7980

■ 115.4000, 82.5200,
46.3600

■ 72.9470, 115.2530,
64.3810

■ 130.8390, 70.7380,
39.6180

■ 145.5770, 59.5520,
33.0880

■ 160.4290, 48.0450,
26.8690

■ 175.2810, 36.5380,
20.6500

■ 190.7200, 24.7560,
13.9080

■ 205.5720, 13.2490,
7.6890

■ 220.3100, 2.0630,
1.1590

■ 235.7490, -9.7190,
-5.5830

Harmonies

Analogous

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



106.5610, 66.7900, 67.1260



100.5480, 94.0270, 52.5790



107.9850, 92.6130, 12.1090

Triad

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



100.5480, 94.0270, 52.5790



86.1300, -35.0630, -63.9190



105.2030, -112.9730, 4.4590

Complementary

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



100.5480, 94.0270, 52.5790



163.4520, -94.0270, -52.5790

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.



106.9520, -105.4970, -9.8890



100.5480, 94.0270, 52.5790



93.3860, -67.2980, -46.8980

Square

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



100.5480, 94.0270, 52.5790



106.2650, 31.1850, -42.0550



101.8560, -88.3920, -28.0400



94.4310, -104.4470, 15.1450

Rectangle

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



100.5480, 94.0270, 52.5790



110.1720, 80.8800, -12.0480



101.8560, -88.3920, -28.0400



106.7530, -111.8260, 0.1900

Sweetspot

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



100.5480, 94.0270, 52.5790



213.9490, 31.5410, 17.5970



102.7110, 23.2300, 85.6460



103.0890, 19.1630, 10.6430



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.



100.5480, 94.0270, 52.5790



86.8180, 129.0980, 72.2820



121.8330, 96.0970, 15.0490



104.6310, 5.5930, 3.2650



57.6400, 90.7720, 50.9960



15.7200, 24.7560, 13.9080

Inverse Universe

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



100.5480, 94.0270, 52.5790



86.8180, 129.0980, 72.2820



142.1670, -96.0970, -15.0490



104.6310, 5.5930, 3.2650



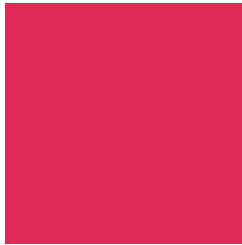
57.6400, 90.7720, 50.9960



15.7200, 24.7560, 13.9080

Previews

White Background



This preview shows how the YIQ color 100.5480, 94.0270, 52.5790 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 100.5480, 94.0270, 52.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

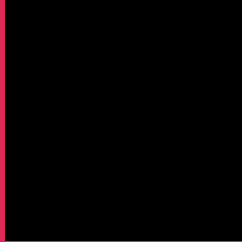
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 100.5480, 94.0270, 52.5790

Background



This preview shows how black text looks on a background with the YIQ color 100.5480, 94.0270, 52.5790.



This preview shows how white text looks on a background with the YIQ color 100.5480, 94.0270,

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

100.5480, 94.0270, 52.5790

Protanopia

118.8260, 0.5500, 1.0460

Deuteranopia

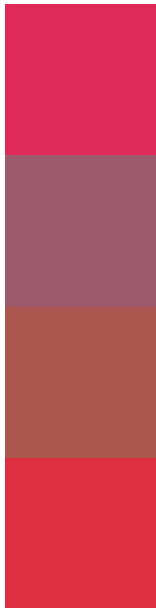
117.5670, 28.8400, -5.0480



Tritanopia

101.5420, 102.1910, 36.7750

Trichromacy



Original Color

100.5480, 94.0270, 52.5790

Protanomaly

112.0850, 34.1540, 19.8020

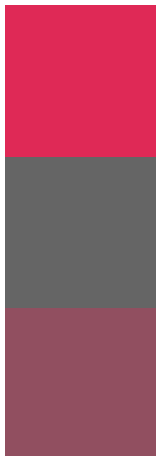
Deuteranomaly

111.3180, 52.3110, 15.6310

Tritanomaly

101.2630, 98.8430, 42.3870

Monochromacy



Original Color

100.5480, 94.0270, 52.5790

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.6720, 33.8790, 19.2790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.5480, 94.0270, 52.5790 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(223, 41, 86)` looks like.

```
.text, #text, p{  
    color:rgb(223, 41, 86)  
}
```

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(223, 41, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 41, 86) }
```

Border

The CSS property to change the border of an element to YIQ 100.5480, 94.0270, 52.5790 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(223, 41, 86) }
```


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

```
.border{ border-color:rgb(223, 41, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 41, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 41, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 41, 86);  
box-shadow:4px 4px 4px 4px rgb(223, 41,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 100.5480, 94.0270, 52.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 41, 86) }
```

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

```
.background{ background-color: rgb(223, 41,  
86) }
```

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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