

Converting Colors

YIQ(100.7380, 87.3800, 46.3880)

Have a look what the booklet for
YIQ(100.7380, 87.3800, 46.3880)
contains.

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Color

**YIQ(100.7380, 87.3800,
46.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	D52F53
RGB	213, 47, 83
RGB Percent	84%, 18%, 33%
CMY	0.1643, 0.8159, 0.6742
CMYK	0.00, 0.78, 0.61, 0.16
HSL	347°, 66%, 51%
HSV	347°, 78%, 84%
XYZ	30.0497, 16.8153, 9.8620
YIQ	100.7380, 87.3800, 46.3880

Conversions

Conversions Part 2

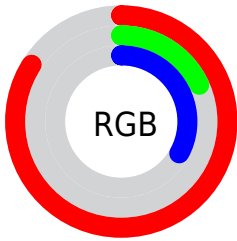
Format	Color
RYB	213, 47, 83
Decimal	13971283
CIELab	48.03, 64.64, 20.57
CIElCh	48, 67.839, 17.653
Yxy	16.8153, 0.5297, 0.2964
Android (android.graphics.Color)	4292161363 (0xFFD52F53)
YUV	100.7380, -8.7448, 98.4538
Hunter-Lab	41.0065, 59.0440, 14.4454

Details

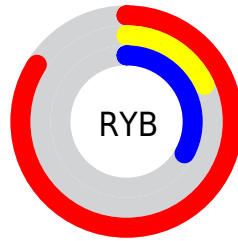
The YIQ color **100.7380, 87.3800, 46.3880** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **159.2620, -87.3800, -46.3880**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6890, 79.9080, 38.6280**, and **49.5950, 77.4770, 44.1410** is the 20% darker color. If you saturate the color by 10%, you get **86.4730, 98.6120, 52.0840**, and if you desaturate by 10%, it is **115.0030, 76.1480, 40.6920**.

Distribution



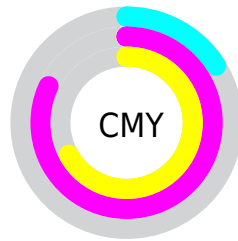
- Red (84%)
- Green (18%)
- Blue (33%)



- Red (84%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (78%)
- Yellow (61%)
- Black (16%)




- Cyan (16%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.7380, 87.3800, 46.3880 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 100.7380, 87.3800, 46.3880 by changing the saturation by 10% instead.


 100.7380, 87.3800,
46.3880


 100.7380, 87.3800,
46.3880


255.0000, -0.0000,
-0.0000

 61.2580, 89.2120,
57.2440


 154.6890, 79.9080,
38.6280


 49.5950, 77.4770,
44.1410


 174.6760, 63.5870,
31.5470


 38.3450, 66.0170,
31.5610


 194.7770, 46.9450,
24.7770

 27.3230, 53.9150,
19.6030

 214.9920, 29.9820,
18.3180

 18.8800, 35.9890,
14.0770

 235.2070, 13.0190,
11.8590

 7.8880, 15.1750,
5.8230

254.4130, 0.2750,

 0.0000, 0.0000,

0.5230

0.0000

■ 100.7380, 87.3800,
46.3880

■ 100.7380, 87.3800,
46.3880

■ 86.4730, 98.6120,
52.0840

■ 115.0030, 76.1480,
40.6920

■ 71.7350, 109.7980,
58.6140

■ 129.7410, 64.9620,
34.1620


■ 68.9310, 112.1820,
59.4620

■ 144.0060, 53.7300,
28.4660


■ 158.2710, 42.4980,
22.7700

■ 172.4220, 31.5870,
16.7630

■ 187.2740, 20.0800,
10.5440

 201.5390, 8.8480,
4.8480

 215.6900, -2.0630,
-1.1590

 230.5420,
-13.5700, -7.3780

Harmonies

Analogous

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



105.4200, 62.5730, 60.9490



100.7380, 87.3800, 46.3880



105.9950, 86.6530, 9.9890

Triad

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



100.7380, 87.3800, 46.3880



86.3140, -32.4050, -57.0210



101.0140, -108.0670, 3.6530

Complementary

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



100.7380, 87.3800, 46.3880



159.2620, -87.3800, -46.3880

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.



102.9910, -101.2330, -10.0730



100.7380, 87.3800, 46.3880



90.9240, -65.8770, -45.1170

Square

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



100.7380, 87.3800, 46.3880



103.3080, 29.6260, -41.3340



98.3510, -85.4120, -26.9800



101.1800, -78.6350, 20.9250

Rectangle

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



100.7380, 87.3800, 46.3880



107.1930, 76.3870, -13.2210



98.3510, -85.4120, -26.9800



102.5640, -106.9200, -0.6160

Sweetspot

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



100.7380, 87.3800, 46.3880



215.1230, 30.9910, 16.5510



103.8970, 22.4060, 78.5500



103.6760, 18.8880, 10.1200



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.



100.7380, 87.3800, 46.3880



92.6880, 126.3480, 67.0520



122.4620, 86.8360, 12.1800



99.6310, 5.5930, 3.2650



55.3470, 90.0390, 47.7590



13.8830, 22.7390, 11.9150

Inverse Universe

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



100.7380, 87.3800, 46.3880



92.6880, 126.3480, 67.0520



137.5380, -86.8360, -12.1800



99.6310, 5.5930, 3.2650



55.3470, 90.0390, 47.7590



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 100.7380, 87.3800, 46.3880 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 100.7380, 87.3800, 46.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

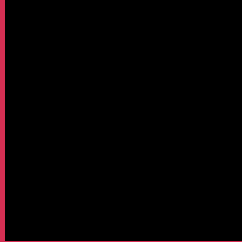
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.7380, 87.3800, 46.3880

Background



This preview shows how black text looks on a background with the YIQ color 100.7380, 87.3800, 46.3880.



This preview shows how white text looks on a background with the YIQ color 100.7380, 87.3800,

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

100.7380, 87.3800, 46.3880

Protanopia

114.7830, 2.1090, 0.3250

Deuteranopia

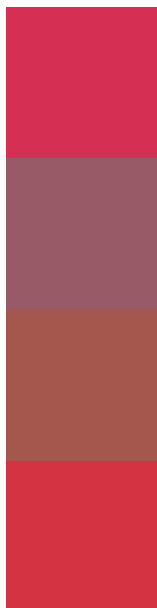
114.3820, 27.9230, -4.9490



Tritanopia

100.7690, 94.1220, 34.3300

Trichromacy



Original Color

100.7380, 87.3800, 46.3880

Protanomaly

109.9060, 33.1000, 16.8760

Deuteranomaly

109.2960, 49.3770, 13.7370

Tritanomaly

100.7350, 91.4620, 38.4860

Monochromacy



Original Color

100.7380, 87.3800, 46.3880

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.7210, 32.1830, 16.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7380, 87.3800, 46.3880 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, 47, 83)` looks like.

```
.text, #text, p{  
    color:rgb(213, 47, 83)  
}
```

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, 47, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 47, 83) }
```

Border

The CSS property to change the border of an element to YIQ 100.7380, 87.3800, 46.3880 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, 47, 83) }
```


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

```
.border{ border-color:rgb(213, 47, 83) }
```

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

Here you see how a box with a 4 pixel rgb(213, 47, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 47, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 47, 83);  
box-shadow:4px 4px 4px 4px rgb(213, 47,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7380, 87.3800, 46.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 47, 83) }
```

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

```
.background{ background-color: rgb(213, 47,  
83) }
```

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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