

Converting Colors

YIQ(97.3730, 104.3450, 41.7930)

Have a look what the booklet for
YIQ(97.3730, 104.3450, 41.7930)
contains.

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Color

**YIQ(97.3730, 104.3450,
41.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	DF2A35
RGB	223, 42, 53
RGB Percent	87%, 16%, 21%
CMY	0.1251, 0.8355, 0.7917
CMYK	0.00, 0.81, 0.76, 0.13
HSL	356°, 74%, 52%
HSV	356°, 81%, 87%
XYZ	31.9361, 17.6142, 5.0973
YIQ	97.3730, 104.3450, 41.7930

Conversions

Conversions Part 2

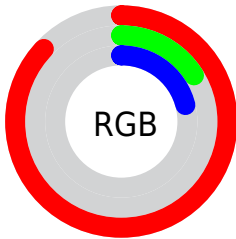
Format	Color
RYB	223, 42, 53
Decimal	14625333
CIELab	49.02, 67.32, 40.03
CIElCh	49, 78.326, 30.735
Yxy	17.6142, 0.5844, 0.3223
Android (android.graphics.Color)	4292815413 (0xFFDF2A35)
YUV	97.3730, -21.8759, 110.1749
Hunter-Lab	41.9693, 62.3812, 22.1775

Details

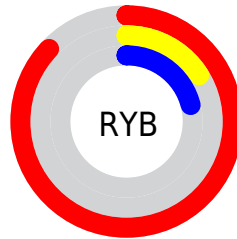
The YIQ color **97.3730, 104.3450, 41.7930** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **167.6270, -104.3450, -41.7930**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.8670, 90.7300, 29.7220**, and **48.6810, 91.5540, 36.8180** is the 20% darker color. If you saturate the color by 10%, you get **82.0650, 117.1360, 46.7680**, and if you desaturate by 10%, it is **112.6810, 91.5540, 36.8180**.

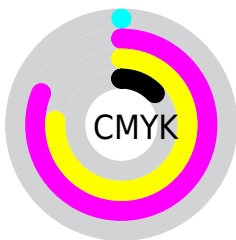
Distribution



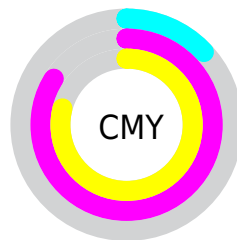
- Red (87%)
- Green (16%)
- Blue (21%)



- Red (87%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (81%)
- Yellow (76%)
- Black (13%)





- Cyan (13%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 97.3730, 104.3450, 41.7930 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 97.3730, 104.3450, 41.7930 by changing the saturation by 10% instead.


 97.3730, 104.3450,
41.7930

 97.3730, 104.3450,
41.7930


255.0000, -0.0000,
-0.0000


 60.6430, 103.8850,
50.1330


 149.8670, 90.7300,
29.7220


 48.6810, 91.5540,
36.8180


 169.7400, 74.7300,
22.3300


 37.9730, 75.6920,
26.9240


 189.8410, 58.0880,
15.5600

 28.8180, 56.8950,
20.6630

 209.8280, 41.7670,
8.4790

 20.3750, 38.9690,
15.1370

 230.6300, 24.5290,
1.4970

 10.2800, 19.9430,
7.5190

 251.4320, 7.2910,

 0.0000, 0.0000,

-5.4850

0.0000

■ 97.3730, 104.3450,
41.7930

■ 97.3730, 104.3450,
41.7930

■ 82.0650, 117.1360,
46.7680

■ 112.6810, 91.5540,
36.8180

■ 68.2730, 128.4140,
51.6300

■ 128.5760, 78.4880,
31.3200

■ 143.8840, 65.6970,
26.3450

■ 159.1920, 52.9060,
21.3700

■ 174.5000, 40.1150,
16.3950

■ 190.3950, 27.0490,
10.8970

■ 205.7030, 14.2580,
5.9220

■ 221.0110, 1.4670,
0.9470

■ 236.9060,
-11.5990, -4.5510

Harmonies

Analogous

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



81.6240, 98.0100, 85.0340



97.3730, 104.3450, 41.7930



107.5910, 90.1860, -4.4860

Triad

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



97.3730, 104.3450, 41.7930



87.3100, -52.9450, -59.2250



101.9890, -114.9460, 12.6860

Complementary

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



97.3730, 104.3450, 41.7930



167.6270, -104.3450, -41.7930

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.



108.1550, -113.0180, -0.2340



97.3730, 104.3450, 41.7930



97.7520, -76.8360, -39.2360

Square

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



97.3730, 104.3450, 41.7930



98.4250, 6.8870, -53.2490



105.3900, -98.3430, -18.3990



115.9670, -37.6500, 43.5820

Rectangle

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



97.3730, 104.3450, 41.7930



109.7630, 65.6140, -21.7300



105.3900, -98.3430, -18.3990



105.2830, -115.9540, 8.9260

Sweetspot

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



97.3730, 104.3450, 41.7930



212.6950, 35.0720, 14.1760



113.1650, 42.6230, 92.1190



102.2910, 21.4100, 8.4660



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.



97.3730, 104.3450, 41.7930



83.5630, 142.3970, 57.0290



141.9050, 86.4260, -2.4220



104.4030, 6.2350, 2.6430



53.8780, 101.3650, 40.7330



14.6940, 27.6450, 11.1090

Inverse Universe

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



97.3730, 104.3450, 41.7930



83.5630, 142.3970, 57.0290



123.0950, -86.4260, 2.4220



104.4030, 6.2350, 2.6430



53.8780, 101.3650, 40.7330



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 97.3730, 104.3450, 41.7930 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 97.3730, 104.3450, 41.7930 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 97.3730, 104.3450, 41.7930

Background



This preview shows how black text looks on a background with the YIQ color 97.3730, 104.3450, 41.7930.



This preview shows how white text looks on a background with the YIQ color 97.3730, 104.3450,

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

97.3730, 104.3450, 41.7930

Protanopia

115.3160, 19.1210, -10.6310

Deuteranopia

113.7840, 43.9260, -14.1380



Tritanopia

97.4070, 107.0050, 37.6370

Trichromacy



Original Color

97.3730, 104.3450, 41.7930

Protanomaly

109.0200, 49.9740, 8.4220

Deuteranomaly

107.9370, 66.2050, 6.1170

Tritanomaly

97.2760, 105.9960, 39.4040

Monochromacy



Original Color

97.3730, 104.3450, 41.7930

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1900, 38.0520, 15.2360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.3730, 104.3450, 41.7930 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, 42, 53)` looks like.

```
.text, #text, p{  
    color:rgb(223, 42, 53)  
}
```

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, 42, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 42, 53) }
```

Border

The CSS property to change the border of an element to YIQ 97.3730, 104.3450, 41.7930 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, 42, 53) }
```


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

```
.border{ border-color:rgb(223, 42, 53) }
```

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

Here you see how a box with a 4 pixel rgb(223, 42, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 42, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 42, 53);  
box-shadow:4px 4px 4px 4px rgb(223, 42,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 97.3730, 104.3450, 41.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 42, 53) }
```

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

```
.background{ background-color: rgb(223, 42,  
53) }
```

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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