

Converting Colors

YIQ(108.5070, 92.1040, 37.8640)

Have a look what the booklet for
YIQ(108.5070, 92.1040, 37.8640)
contains.

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Color

**YIQ(108.5070, 92.1040,
37.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	DC3B47
RGB	220, 59, 71
RGB Percent	86%, 23%, 28%
CMY	0.1369, 0.7688, 0.7212
CMYK	0.00, 0.73, 0.68, 0.14
HSL	355°, 70%, 55%
HSV	355°, 73%, 86%
XYZ	32.2461, 18.8083, 7.9073
YIQ	108.5070, 92.1040, 37.8640

Conversions

Conversions Part 2

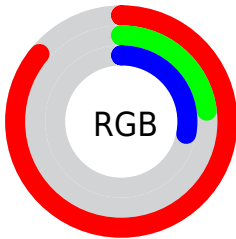
Format	Color
RYB	220, 59, 71
Decimal	14433095
CIELab	50.46, 62.25, 31.15
CIElCh	50, 69.608, 26.582
Yxy	18.8083, 0.5469, 0.3190
Android (android.graphics.Color)	4292623175 (0xFFDC3B47)
YUV	108.5070, -18.4910, 97.7794
Hunter-Lab	43.3685, 56.8265, 19.5477

Details

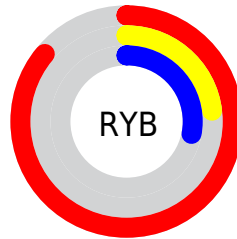
The YIQ color **108.5070, 92.1040, 37.8640** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **170.4930, -92.1040, -37.8640**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0770, 81.3310, 29.3550**, and **50.1350, 84.5840, 41.9920** is the 20% darker color. If you saturate the color by 10%, you get **93.3130, 104.5740, 43.1500**, and if you desaturate by 10%, it is **123.7010, 79.6340, 32.5780**.

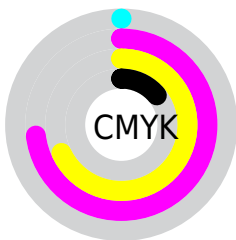
Distribution



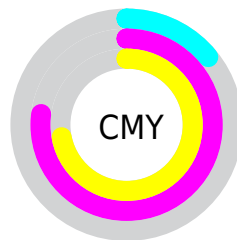
- Red (86%)
- Green (23%)
- Blue (28%)



- Red (86%)
- Yellow (23%)
- Blue (28%)



- Cyan (0%)
- Magenta (73%)
- Yellow (68%)
- Black (14%)





- Cyan (14%)
- Magenta (77%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.5070, 92.1040, 37.8640 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 108.5070, 92.1040, 37.8640 by changing the saturation by 10% instead.


 108.5070, 92.1040,
37.8640


 108.5070, 92.1040,
37.8640


255.0000, -0.0000,
-0.0000


 74.4240, 91.1400,
44.3240


 159.1910, 81.0100,
29.6660


 50.1350, 84.5840,
41.9920


 178.4770, 65.2850,
22.7970


 38.4290, 74.4080,
28.1680


 198.5780, 48.6430,
16.0270

 28.7040, 57.2160,
20.3520

 218.6790, 32.0010,
9.2570

 20.6740, 39.5650,
15.3490

 238.8940, 15.0380,
2.7980

 10.5790, 20.5390,
7.7310

 0.0000, 0.0000,

0.0000

■ 108.5070, 92.1040,
37.8640

■ 108.5070, 92.1040,
37.8640

■ 93.3130, 104.5740,
43.1500

■ 123.7010, 79.6340,
32.5780

■ 78.0050, 117.3650,
48.1250

■ 139.0090, 66.8430,
27.6030

■ 67.7180, 125.6630,
51.9270

■ 154.2030, 54.3730,
22.3170

■ 169.3970, 41.9030,
17.0310

■ 184.7050, 29.1120,
12.0560

■ 199.8990, 16.6420,
6.7700

■ 215.2070, 3.8510,
1.7950

■ 230.4010, -8.6190,
-3.4910

■ 244.4210,
-20.5390, -7.7310

Harmonies

Analogous

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



108.4770, 75.5940, 61.7540



108.5070, 92.1040, 37.8640



111.9330, 89.2230, -3.5530

Triad

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



108.5070, 92.1040, 37.8640



88.3530, -54.5040, -58.5040



103.6700, -112.7900, 6.6500

Complementary

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



108.5070, 92.1040, 37.8640



170.4930, -92.1040, -37.8640

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.



108.3200, -109.3490, -6.1570



108.5070, 92.1040, 37.8640



97.7690, -75.5060, -41.3140

Square

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



108.5070, 92.1040, 37.8640



105.5900, 19.7240, -49.1080



105.3100, -95.3620, -22.8660



118.2880, -43.2880, 35.6240

Rectangle

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



108.5070, 92.1040, 37.8640



113.3290, 69.8320, -21.0800



105.3100, -95.3620, -22.8660



106.1490, -112.8810, 2.7910

Sweetspot

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



108.5070, 92.1040, 37.8640



216.2000, 32.0920, 13.1160



121.6060, 36.5270, 81.4470



104.5080, 19.3010, 8.1410



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.



108.5070, 92.1040, 37.8640



99.9140, 128.0470, 52.7750



146.4680, 77.5310, -0.9090



102.4030, 6.2350, 2.6430



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.



108.5070, 92.1040, 37.8640



99.9140, 128.0470, 52.7750



132.5320, -77.5310, 0.9090



102.4030, 6.2350, 2.6430



53.2090, 98.9350, 40.7190



14.0960, 26.4530, 10.6850

Previews

White Background



This preview shows how the YIQ color 108.5070, 92.1040, 37.8640 looks on a white 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

Black Background



This preview shows how the YIQ color 108.5070, 92.1040, 37.8640 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 108.5070, 92.1040, 37.8640

Background



This preview shows how black text looks on a background with the YIQ color 108.5070, 92.1040, 37.8640.



This preview shows how white text looks on a background with the YIQ color 108.5070, 92.1040,

37.8640.

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

108.5070, 92.1040, 37.8640

Protanopia

119.8410, 13.3890, -5.8670

Deuteranopia

118.8250, 36.6810, -9.4870



Tritanopia

108.1820, 94.3970, 34.8530

Trichromacy



Original Color

108.5070, 92.1040, 37.8640

Protanomaly

115.7680, 41.9960, 9.8360

Deuteranomaly

115.2010, 56.7140, 7.4180

Tritanomaly

108.5240, 93.4340, 35.7860

Monochromacy



Original Color

108.5070, 92.1040, 37.8640

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7980, 33.2840, 13.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.5070, 92.1040, 37.8640 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(220, 59, 71)` looks like.

```
.text, #text, p{  
    color:rgb(220, 59, 71)  
}
```

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(220, 59, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 59, 71) }
```

Border

The CSS property to change the border of an element to YIQ 108.5070, 92.1040, 37.8640 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(220, 59, 71) }
```


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

```
.border{ border-color:rgb(220, 59, 71) }
```

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

Here you see how a box with a 4 pixel rgb(220, 59, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 59, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 59, 71);  
box-shadow:4px 4px 4px 4px rgb(220, 59,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 108.5070, 92.1040, 37.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 59, 71) }
```

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

```
.background{ background-color: rgb(220, 59,  
71) }
```

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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