

Converting Colors

YIQ(109.0120, 89.1240, 36.8040)

Have a look what the booklet for
YIQ(109.0120, 89.1240, 36.8040)
contains.

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Color

**YIQ(109.0120, 89.1240,
36.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	D93D49
RGB	217, 61, 73
RGB Percent	85%, 24%, 29%
CMY	0.1486, 0.7610, 0.7134
CMYK	0.00, 0.72, 0.66, 0.15
HSL	355°, 67%, 55%
HSV	355°, 72%, 85%
XYZ	31.5147, 18.5792, 8.2437
YIQ	109.0120, 89.1240, 36.8040

Conversions

Conversions Part 2

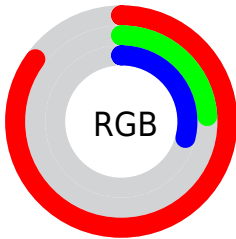
Format	Color
RYB	217, 61, 73
Decimal	14237001
CIELab	50.19, 60.76, 29.51
CIELCh	50, 67.550, 25.907
Yxy	18.5792, 0.5402, 0.3185
Android (android.graphics.Color)	4292427081 (0xFFD93D49)
YUV	109.0120, -17.7539, 94.7055
Hunter-Lab	43.1036, 55.0770, 18.8331

Details

The YIQ color **109.0120, 89.1240, 36.8040** 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 **168.9880, -89.1240, -36.8040**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0060, 80.0930, 29.7650**, and **49.6510, 83.0710, 41.8790** is the 20% darker color. If you saturate the color by 10%, you get **93.8180, 101.5940, 42.0900**, and if you desaturate by 10%, it is **124.2060, 76.6540, 31.5180**.

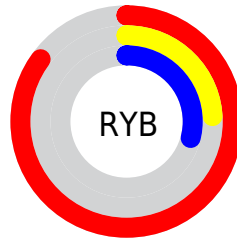
Distribution



Red (85%)

Green (24%)

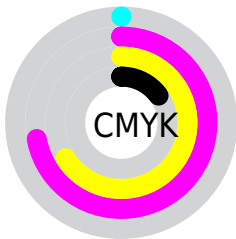
Blue (29%)



Red (85%)

Yellow (24%)

Blue (29%)

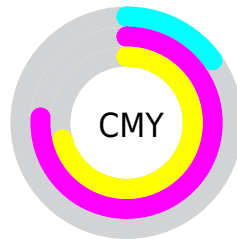


Cyan (0%)

Magenta (72%)

Yellow (66%)

Black (15%)



Cyan (15%)


Magenta (76%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.0120, 89.1240, 36.8040 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 109.0120, 89.1240, 36.8040 by changing the saturation by 10% instead.


 109.0120, 89.1240,
36.8040


 109.0120, 89.1240,
36.8040


255.0000, -0.0000,
-0.0000


 76.6900, 87.3350,
41.6950


 160.0060, 80.0930,
29.7650


 49.7650, 82.7500,
42.1900


 179.2920, 64.3680,
22.8960


 37.8740, 71.6570,
28.4650


 199.3930, 47.7260,
16.1260

 28.1060, 56.0240,
19.9280

 219.4940, 31.0840,
9.3560

 20.0760, 38.3730,
14.9250

 239.8230, 13.8000,
3.2080

 9.6820, 18.7510,
7.0950

 0.0000, 0.0000,

0.0000

■ 109.0120, 89.1240,
36.8040

■ 109.0120, 89.1240,
36.8040

■ 93.8180, 101.5940,
42.0900

■ 124.2060, 76.6540,
31.5180

■ 79.2110, 113.7890,
46.8530

■ 138.8130, 64.4590,
26.7550

■ 66.8210, 123.8750,
51.2910

■ 154.0070, 51.9890,
21.4690

■ 169.2010, 39.5190,
16.1830

■ 183.8080, 27.3240,
11.4200

■ 199.0020, 14.8540,
6.1340

■ 214.1960, 2.3840,
0.8480

■ 229.3900,
-10.0860, -4.4380

■ 243.4100,
-22.0060, -8.6780

Harmonies

Analogous

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



109.6290, 72.1100, 58.8140



109.0120, 89.1240, 36.8040



111.6600, 85.7380, -0.9660

Triad

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



109.0120, 89.1240, 36.8040



87.7660, -54.2290, -57.9810



102.5130, -110.9100, 5.6180

Complementary

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



109.0120, 89.1240, 36.8040



168.9880, -89.1240, -36.8040

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.



107.2770, -107.7900, -6.8780



109.0120, 89.1240, 36.8040



96.9540, -74.5890, -41.4130

Square

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



109.0120, 89.1240, 36.8040



105.6010, 21.1910, -48.1610



104.2670, -93.8030, -23.5870



117.9350, -43.7920, 33.7440

Rectangle

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



109.0120, 89.1240, 36.8040



112.4430, 69.5110, -20.7690



104.2670, -93.8030, -23.5870



105.1060, -111.3220, 2.0700

Sweetspot

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



109.0120, 89.1240, 36.8040



216.2000, 32.0920, 13.1160



121.5410, 35.1520, 78.8320



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.



109.0120, 89.1240, 36.8040



103.4190, 125.0670, 51.7150



145.7990, 75.1010, -0.9230



102.4030, 6.2350, 2.6430



53.2090, 98.9350, 40.7190



14.2100, 26.1320, 10.9960

Inverse Universe

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



109.0120, 89.1240, 36.8040



103.4190, 125.0670, 51.7150



132.2010, -75.1010, 0.9230



102.4030, 6.2350, 2.6430



53.2090, 98.9350, 40.7190



14.2100, 26.1320, 10.9960

Previews

White Background



This preview shows how the YIQ color 109.0120, 89.1240, 36.8040 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 109.0120, 89.1240, 36.8040 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 109.0120, 89.1240, 36.8040

Background



This preview shows how black text looks on a background with the YIQ color 109.0120, 89.1240, 36.8040.



This preview shows how white text looks on a background with the YIQ color 109.0120, 89.1240,

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

109.0120, 89.1240, 36.8040

Protanopia

119.3570, 11.8760, -5.9800

Deuteranopia

118.2810, 35.3970, -8.2430



Tritanopia

108.6870, 91.4170, 33.7930

Trichromacy



Original Color

109.0120, 89.1240, 36.8040

Protanomaly

115.9850, 39.8870, 9.5110

Deuteranomaly

114.9450, 54.5590, 7.9270

Tritanomaly

109.0290, 90.4540, 34.7260

Monochromacy



Original Color

109.0120, 89.1240, 36.8040

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.2000, 32.0920, 13.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.0120, 89.1240, 36.8040 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(217, 61, 73)` looks like.

```
.text, #text, p{  
    color:rgb(217, 61, 73)  
}
```

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(217, 61, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 61, 73) }
```

Border

The CSS property to change the border of an element to YIQ 109.0120, 89.1240, 36.8040 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(217, 61, 73) }
```


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

```
.border{ border-color:rgb(217, 61, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 61, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 61, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 61, 73);  
box-shadow:4px 4px 4px 4px rgb(217, 61,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 109.0120, 89.1240, 36.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 61, 73) }
```

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

```
.background{ background-color: rgb(217, 61,  
73) }
```

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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