

Converting Colors

YIQ(113.7460, 66.5660, 38.1340)

Have a look what the booklet for
YIQ(113.7460, 66.5660, 38.1340)
contains.

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Color

**YIQ(113.7460, 66.5660,
38.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	C94769
RGB	201, 71, 105
RGB Percent	79%, 28%, 41%
CMY	0.2114, 0.7218, 0.5880
CMYK	0.00, 0.65, 0.48, 0.21
HSL	344°, 55%, 53%
HSV	344°, 65%, 79%
XYZ	28.9128, 17.9499, 15.3218
YIQ	113.7460, 66.5660, 38.1340

Conversions

Conversions Part 2

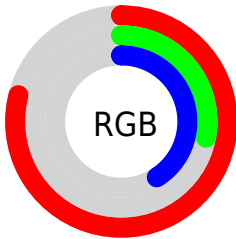
Format	Color
R_{YB}	201, 71, 105
Decimal	13191017
CIE Lab	49.44, 54.22, 8.79
CIE LCh	49, 54.929, 9.211
Yxy	17.9499, 0.4650, 0.2887
Android (android.graphics.Color)	4291381097 (0xFFC94769)
YUV	113.7460, -4.3118, 76.5218
Hunter-Lab	42.3673, 47.6710, 8.2154

Details

The YIQ color **113.7460, 66.5660, 38.1340** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **158.2540, -66.5660, -38.1340**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9910, 67.2540, 36.6780**, and **49.0700, 66.0140, 48.1420** is the 20% darker color. If you saturate the color by 10%, you get **100.2960, 76.8810, 43.9290**, and if you desaturate by 10%, it is **127.1960, 56.2510, 32.3390**.

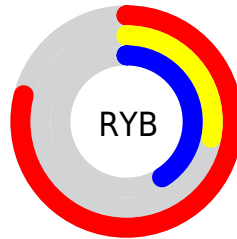
Distribution



Red (79%)

Green (28%)

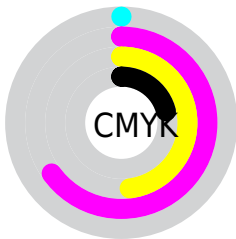
Blue (41%)



Red (79%)

Yellow (28%)

Blue (41%)

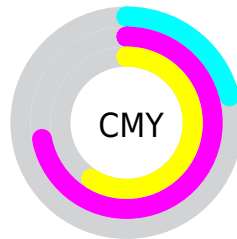


Cyan (0%)

Magenta (65%)

Yellow (48%)

Black (21%)



Cyan (21%)

Magenta (72%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7460, 66.5660, 38.1340 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 113.7460, 66.5660, 38.1340 by changing the saturation by 10% instead.

■ 113.7460, 66.5660,
38.1340

■ 113.7460, 66.5660,
38.1340

■ 255.0000, -0.0000,
-0.0000

■ 85.0170, 64.3650,
39.4770

■ 167.9910, 67.2540,
36.6780

■ 49.0700, 66.0140,
48.1420

■ 187.5050, 50.8870,
30.4310

■ 38.0050, 55.4710,
35.4630

■ 207.0190, 34.5200,
24.1840

■ 26.9400, 44.9280,
22.7840

■ 227.3480, 17.2360,
18.0360

■ 17.8690, 34.5220,
13.1300

■ 246.1950, 4.1250,
7.8450

■ 5.9800, 11.9200,
4.2400

■ 0.0000, 0.0000,

0.0000

■ 113.7460, 66.5660,
38.1340

■ 113.7460, 66.5660,
38.1340

■ 100.2960, 76.8810,
43.9290

■ 127.1960, 56.2510,
32.3390

■ 86.8460, 87.1960,
49.7240

■ 140.6460, 45.9360,
26.5440

■ 73.5100, 97.1900,
55.8300

■ 154.0960, 35.6210,
20.7490

■ 66.1410, 102.7830,
59.0950

■ 167.4320, 25.6270,
14.6430

■ 180.8820, 15.3120,
8.8480

■ 194.9190, 4.7220,
2.5300

■ 208.3690, -5.5930,
-3.2650

■ 221.8190,
-15.9080, -9.0600

■ 235.2690,
-26.2230, -14.8550

Harmonies

Analogous

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



118.1300, 39.4220, 45.4860



113.7460, 66.5660, 38.1340



113.3820, 72.6220, 16.4780

Triad

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



113.7460, 66.5660, 38.1340



104.2520, -2.3310, -40.3710



100.2670, -101.8300, -4.7580

Complementary

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



113.7460, 66.5660, 38.1340



158.2540, -66.5660, -38.1340

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.



100.9560, -94.1250, -17.7490



113.7460, 66.5660, 38.1340



89.8810, -64.3180, -45.8380

Square

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



113.7460, 66.5660, 38.1340



108.7550, 41.7290, -34.9030



96.5270, -80.2760, -31.9560



102.4750, -81.3840, 10.1680

Rectangle

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



113.7460, 66.5660, 38.1340



113.8520, 67.5820, -2.3220



96.5270, -80.2760, -31.9560



101.1160, -100.0870, -8.8150

Sweetspot

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



113.7460, 66.5660, 38.1340



222.7200, 24.7560, 13.9080



114.2250, 14.8900, 60.5700



107.8820, 15.3120, 8.8480



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.



113.7460, 66.5660, 38.1340



121.4290, 101.9120, 58.3600



127.4800, 69.2300, 11.8700



92.9190, 4.7220, 2.5300



53.6390, 83.3450, 47.9290



11.7900, 18.5670, 10.4310

Inverse Universe

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



113.7460, 66.5660, 38.1340



121.4290, 101.9120, 58.3600



144.5200, -69.2300, -11.8700



92.9190, 4.7220, 2.5300



53.6390, 83.3450, 47.9290



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 113.7460, 66.5660, 38.1340 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 113.7460, 66.5660, 38.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

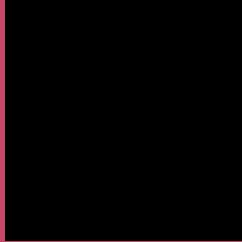
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.7460, 66.5660, 38.1340

Background



This preview shows how black text looks on a background with the YIQ color 113.7460, 66.5660, 38.1340.



This preview shows how white text looks on a background with the YIQ color 113.7460, 66.5660,

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

113.7460, 66.5660, 38.1340

Protanopia

118.4820, -4.1730, 4.0430

Deuteranopia

118.8680, 17.9270, -0.0010



Tritanopia

113.6460, 72.2990, 27.8430

Trichromacy



Original Color

113.7460, 66.5660, 38.1340

Protanomaly

116.7460, 21.8670, 16.7070

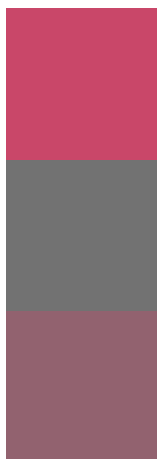
Deuteranomaly

116.8800, 35.9890, 14.0770

Tritanomaly

113.4980, 69.9600, 31.6880

Monochromacy



Original Color

113.7460, 66.5660, 38.1340

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8340, 24.4350, 14.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7460, 66.5660, 38.1340 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(201, 71, 105)` looks like.

```
.text, #text, p{  
    color:rgb(201, 71, 105)  
}
```

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(201, 71, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 71, 105) }
```

Border

The CSS property to change the border of an element to YIQ 113.7460, 66.5660, 38.1340 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(201, 71, 105) }
```


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

```
.border{ border-color:rgb(201, 71, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 71, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 71, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 71, 105);  
box-shadow:4px 4px 4px 4px rgb(201, 71,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7460, 66.5660, 38.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 71, 105) }
```

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

```
.background{ background-color: rgb(201, 71,  
105) }
```

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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