

Converting Colors

YIQ(102.8490, 73.9460, 47.5620)

Have a look what the booklet for
YIQ(102.8490, 73.9460, 47.5620)
contains.

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Color

**YIQ(102.8490, 73.9460,
47.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3466
RGB	203, 52, 102
RGB Percent	80%, 20%, 40%
CMY	0.2035, 0.7963, 0.5997
CMYK	0.00, 0.74, 0.50, 0.20
HSL	340°, 59%, 50%
HSV	340°, 74%, 80%
XYZ	28.2824, 16.1214, 14.2084
YIQ	102.8490, 73.9460, 47.5620

Conversions

Conversions Part 2

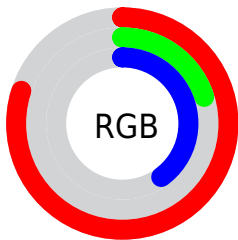
Format	Color
R_{YB}	203, 52, 102
Decimal	13317222
CIE _{Lab}	47.13, 61.68, 7.41
CIE _{LCh}	47, 62.124, 6.848
Yxy	16.1214, 0.4825, 0.2751
Android (android.graphics.Color)	4291507302 (0xFFCB3466)
YUV	102.8490, -0.4186, 87.8324
Hunter-Lab	40.1515, 55.4689, 7.1252

Details

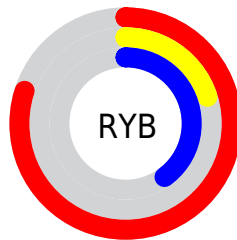
The YIQ color **102.8490, 73.9460, 47.5620** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **152.1510, -73.9460, -47.5620**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8440, 72.3420, 43.5900**, and **49.1410, 67.2520, 47.7320** is the 20% darker color. If you saturate the color by 10%, you get **89.5130, 83.9400, 53.6680**, and if you desaturate by 10%, it is **116.1850, 63.9520, 41.4560**.

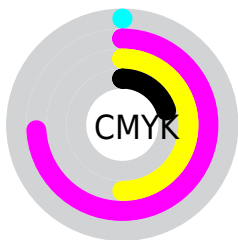
Distribution



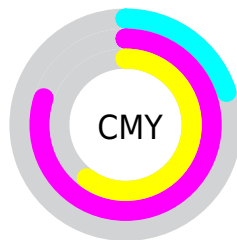
- Red (80%)
- Green (20%)
- Blue (40%)



- Red (80%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (74%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.8490, 73.9460, 47.5620 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 102.8490, 73.9460, 47.5620 by changing the saturation by 10% instead.

102.8490, 73.9460,
47.5620

102.8490, 73.9460,
47.5620

255.0000, -0.0000,
-0.0000

65.9020, 75.5950,
56.2270

158.8440, 72.3420,
43.5900

49.1410, 67.2520,
47.7320

178.2440, 56.2960,
37.0320

37.7770, 56.1130,
34.8410

198.4590, 39.3330,
30.5730

26.4840, 46.2120,
21.5400

218.6740, 22.3700,
24.1140

17.2710, 33.3300,
12.7060

237.9770, 7.9750,
15.1670

4.4850, 8.9400,
3.1800

0.0000, 0.0000,

0.0000

■ 102.8490, 73.9460,
47.5620

■ 102.8490, 73.9460,
47.5620

■ 89.5130, 83.9400,
53.6680

■ 116.1850, 63.9520,
41.4560

■ 75.7040, 93.8880,
60.6080

■ 129.9940, 54.0040,
34.5160

■ 68.3350, 99.4810,
63.8730

■ 143.3300, 44.0100,
28.4100

■ 156.5520, 34.3370,
21.9930

■ 169.8880, 24.3430,
15.8870

■ 183.8110, 14.0740,
9.2580

■ 197.0330, 4.4010,
2.8410

■ 210.3690, -5.5930,
-3.2650

■ 224.1780,
-15.5410, -10.2050

Harmonies

Analogous

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



110.4280, 41.7590, 52.6950



102.8490, 73.9460, 47.5620



104.7360, 80.5530, 21.4250

Triad

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



102.8490, 73.9460, 47.5620



95.2060, 3.3100, -48.9940



98.8480, -101.9680, -2.2560

Complementary

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



102.8490, 73.9460, 47.5620



152.1510, -73.9460, -47.5620

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.



98.3800, -92.3830, -16.2790



102.8490, 73.9460, 47.5620



85.2360, -58.1280, -47.8880

Square

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



102.8490, 73.9460, 47.5620



103.4070, 42.8290, -32.8110



93.2670, -76.6080, -32.3520



91.5420, -100.6860, 7.5540

Rectangle

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



102.8490, 73.9460, 47.5620



105.6420, 76.9810, -1.9550



93.2670, -76.6080, -32.3520



99.5830, -99.9040, -6.6240

Sweetspot

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



102.8490, 73.9460, 47.5620



217.9100, 27.2770, 17.7810



99.4130, 11.7250, 68.3730



105.4200, 16.7330, 10.6290



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.



102.8490, 73.9460, 47.5620



104.4230, 111.2170, 71.4490



111.8240, 83.1210, 18.9370



95.3320, 4.9970, 3.0530



55.9040, 81.2810, 52.2970



12.8440, 18.4750, 12.0990

Inverse Universe

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



102.8490, 73.9460, 47.5620



104.4230, 111.2170, 71.4490



143.1760, -83.1210, -18.9370



95.3320, 4.9970, 3.0530



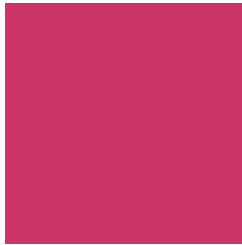
55.9040, 81.2810, 52.2970



12.8440, 18.4750, 12.0990

Previews

White Background



This preview shows how the YIQ color 102.8490, 73.9460, 47.5620 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 102.8490, 73.9460, 47.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

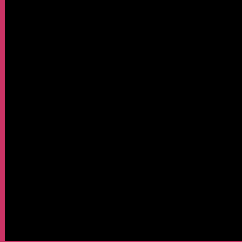
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.8490, 73.9460, 47.5620

Background



This preview shows how black text looks on a background with the YIQ color 102.8490, 73.9460, 47.5620.

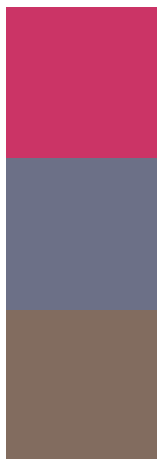


This preview shows how white text looks on a background with the YIQ color 102.8490, 73.9460,

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

102.8490, 73.9460, 47.5620

Protanopia

113.4260, -9.7670, 6.3050

Deuteranopia

113.0960, 17.2850, 0.6210



Tritanopia

103.2020, 82.4770, 30.6130

Trichromacy



Original Color

102.8490, 73.9460, 47.5620

Protanomaly

109.6090, 20.9950, 21.4990

Deuteranomaly

109.7710, 37.9140, 17.7380

Tritanomaly

103.3360, 79.4040, 36.7480

Monochromacy



Original Color

102.8490, 73.9460, 47.5620

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.6110, 26.6810, 17.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.8490, 73.9460, 47.5620 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(203, 52, 102)` looks like.

```
.text, #text, p{  
    color:rgb(203, 52, 102)  
}
```

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(203, 52, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 52, 102) }
```

Border

The CSS property to change the border of an element to YIQ 102.8490, 73.9460, 47.5620 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(203, 52, 102) }
```


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

```
.border{ border-color:rgb(203, 52, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 52, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 52, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 52, 102);  
box-shadow:4px 4px 4px 4px rgb(203, 52,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 102.8490, 73.9460, 47.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 52, 102) }
```

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

```
.background{ background-color: rgb(203, 52,  
102) }
```

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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