

Converting Colors

YIQ(102.5490, 75.0910, 54.3470)

Have a look what the booklet for
YIQ(102.5490, 75.0910, 54.3470)
contains.

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Color

**YIQ(102.5490, 75.0910,
54.3470)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D02F70 |
| RGB | 208, 47, 112 |
| RGB Percent | 82%, 18%, 44% |
| CMY | 0.1839, 0.8159, 0.5605 |
| CMYK | 0.00, 0.77, 0.46, 0.18 |
| HSL | 336°, 63%, 50% |
| HSV | 336°, 77%, 82% |
| XYZ | 29.9848, 16.6245, 16.9761 |
| YIQ | 102.5490, 75.0910, 54.3470 |

Conversions

Conversions Part 2

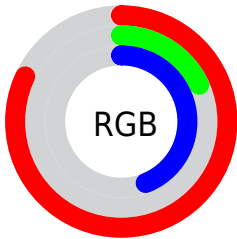
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 208, 47, 112 |
| Decimal | 13643632 |
| CIE _{Lab} | 47.78, 65.45, 2.33 |
| CIE _{LCh} | 48, 65.488, 2.037 |
| Yxy | 16.6245, 0.4716, 0.2615 |
| Android (android.graphics.Color) | 4291833712 (0xFFD02F70) |
| YUV | 102.5490, 4.6593, 92.4805 |
| Hunter-Lab | 40.7731, 59.9170, 3.8554 |

Details

The YIQ color **102.5490, 75.0910, 54.3470** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **152.4510, -75.0910, -54.3470**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.2230, 69.9570, 48.2690**, and **51.6620, 67.3430, 51.5910** is the 20% darker color. If you saturate the color by 10%, you get **88.8540, 84.7180, 61.5980**, and if you desaturate by 10%, it is **116.2440, 65.4640, 47.0960**.

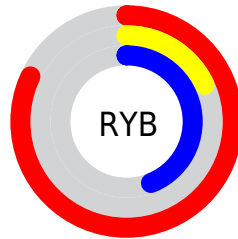
Distribution



Red (82%)

Green (18%)

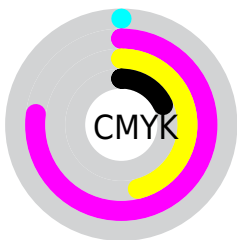
Blue (44%)



Red (82%)

Yellow (18%)

Blue (44%)

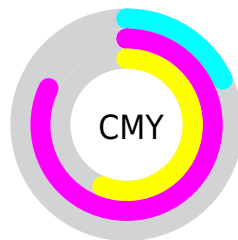


Cyan (0%)

Magenta (77%)

Yellow (46%)

Black (18%)



Cyan (18%)


Magenta (82%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 102.5490, 75.0910, 54.3470 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 102.5490, 75.0910, 54.3470 by changing the saturation by 10% instead.


 102.5490, 75.0910,
54.3470


 102.5490, 75.0910,
54.3470


255.0000, -0.0000,
-0.0000


 63.2540, 77.8400,
65.1040


 158.3370, 69.6360,
48.5800


 51.6620, 67.3430,
51.5910


 178.4380, 52.9940,
41.8100

 40.1840, 56.5250,
38.3890


 198.5390, 36.3520,
35.0400

 29.2330, 45.6610,
26.0210

 218.8680, 19.0680,
28.8920

 18.8800, 35.9890,
14.0770

 236.8030, 8.5250,
16.2130

 7.8880, 15.1750,
5.8230

254.4130, 0.2750,

 0.0000, 0.0000,

0.5230

0.0000

■ 102.5490, 75.0910,
54.3470

■ 102.5490, 75.0910,
54.3470

■ 88.8540, 84.7180,
61.5980

■ 116.2440, 65.4640,
47.0960

■ 75.0450, 94.6660,
68.5380

■ 130.0530, 55.5160,
40.1560

■ 71.7680, 97.0040,
70.2200

■ 143.1610, 46.1640,
33.4280

■ 156.9700, 36.2160,
26.4880

■ 170.6650, 26.5890,
19.2370

■ 184.3600, 16.9620,
11.9860

■ 198.1690, 7.0140,
5.0460

■ 211.2770, -2.3380,
-1.6820

■ 225.0860,
-12.2860, -8.6220

Harmonies

Analogous

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



112.3720, 36.1650, 54.9570



102.5490, 75.0910, 54.3470



104.0020, 85.9160, 28.8600

Triad

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



102.5490, 75.0910, 54.3470



97.5720, 10.9670, -50.0970



101.5380, -104.0310, -3.4150

Complementary

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



102.5490, 75.0910, 54.3470



152.4510, -75.0910, -54.3470

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.



99.9130, -92.5660, -18.4700



102.5490, 75.0910, 54.3470



85.2700, -55.4680, -52.0440

Square

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



102.5490, 75.0910, 54.3470



105.8100, 49.0640, -30.1680



93.6430, -74.9110, -35.5750



95.5030, -104.9500, 7.7380

Rectangle

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



102.5490, 75.0910, 54.3470



106.2670, 82.7110, 4.3350



93.6430, -74.9110, -35.5750



102.0450, -101.3250, -8.4050

Sweetspot

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



102.5490, 75.0910, 54.3470



216.3770, 27.4600, 19.9720



93.4600, 4.3430, 69.9990



104.3600, 16.9620, 11.9860



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.



102.5490, 75.0910, 54.3470



99.8070, 110.4360, 80.1000



102.7700, 92.3810, 27.3330



97.7450, 5.2720, 3.5760



57.9840, 78.3000, 56.7640



14.0830, 19.3000, 13.6680

Inverse Universe

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



102.5490, 75.0910, 54.3470



99.8070, 110.4360, 80.1000



152.2300, -92.3810, -27.3330



97.7450, 5.2720, 3.5760



57.9840, 78.3000, 56.7640



14.0830, 19.3000, 13.6680

Previews

White Background



This preview shows how the YIQ color 102.5490, 75.0910, 54.3470 looks on a white background.

Color Contrast Check

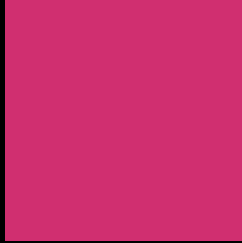
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.5490, 75.0910, 54.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

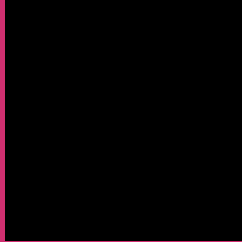
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.5490, 75.0910, 54.3470

Background



This preview shows how black text looks on a background with the YIQ color 102.5490, 75.0910, 54.3470.



This preview shows how white text looks on a background with the YIQ color 102.5490, 75.0910,

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

102.5490, 75.0910, 54.3470

Protanopia

114.5270, -17.2410, 9.5990

Deuteranopia

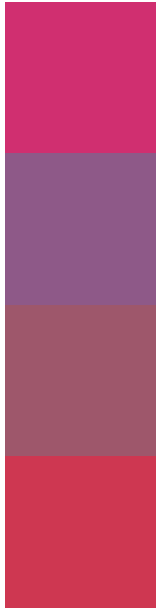
114.9970, 13.2500, 2.1620



Tritanopia

103.6970, 85.4570, 31.6730

Trichromacy



Original Color

102.5490, 75.0910, 54.3470

Protanomaly

110.2050, 16.5010, 25.8530

Deuteranomaly

110.5090, 35.8960, 21.2720

Tritanomaly

103.1130, 81.6500, 40.0980

Monochromacy



Original Color

102.5490, 75.0910, 54.3470

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.9640, 27.1850, 19.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.5490, 75.0910, 54.3470 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(208, 47, 112)` looks like.

```
.text, #text, p{  
    color:rgb(208, 47, 112)  
}
```

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(208, 47, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 47, 112) }
```

Border

The CSS property to change the border of an element to YIQ 102.5490, 75.0910, 54.3470 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(208, 47, 112) }
```


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

```
.border{ border-color:rgb(208, 47, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 47, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 47, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 47, 112); box-shadow:4px 4px 4px 4px rgb(208, 47, 112) }
```

Background

The CSS property to change the background color of an element to YIQ 102.5490, 75.0910, 54.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 47, 112) }
```

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

```
.background{ background-color: rgb(208, 47,  
112) }
```

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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