

Converting Colors

YIQ(118.5380, 73.6240, 53.4000)

Have a look what the booklet for
YIQ(118.5380, 73.6240, 53.4000)
contains.

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Color

**YIQ(118.5380, 73.6240,
53.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	DE4080
RGB	222, 64, 128
RGB Percent	87%, 25%, 50%
CMY	0.1290, 0.7492, 0.4978
CMYK	0.00, 0.71, 0.42, 0.13
HSL	336°, 71%, 56%
HSV	336°, 71%, 87%
XYZ	35.8867, 20.7658, 22.5602
YIQ	118.5380, 73.6240, 53.4000

Conversions

Conversions Part 2

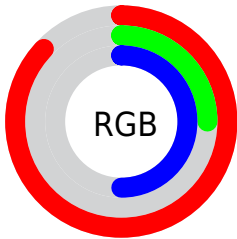
Format	Color
R_{YB}	222, 64, 128
Decimal	14565504
CIE _{Lab}	52.69, 65.30, 0.09
CIE _{LCh}	53, 65.296, 0.077
Yxy	20.7658, 0.4530, 0.2622
Android (android.graphics.Color)	4292755584 (0xFFDE4080)
YUV	118.5380, 4.6648, 90.7362
Hunter-Lab	45.5695, 60.8249, 2.5458

Details

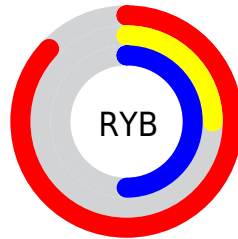
The YIQ color **118.5380, 73.6240, 53.4000** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **167.4620, -73.6240, -53.4000**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.0800, 60.0540, 46.0220**, and **57.4440, 71.1930, 58.9130** is the 20% darker color. If you saturate the color by 10%, you get **104.1420, 83.8470, 60.8630**, and if you desaturate by 10%, it is **132.9340, 63.4010, 45.9370**.

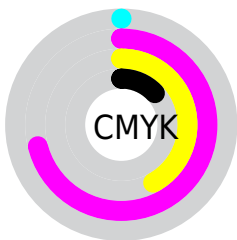
Distribution



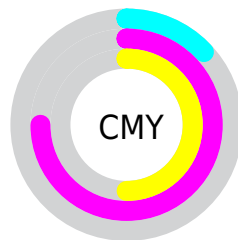
- Red (87%)
- Green (25%)
- Blue (50%)



- Red (87%)
- Yellow (25%)
- Blue (50%)



- Cyan (0%)
- Magenta (71%)
- Yellow (42%)
- Black (13%)




- Cyan (13%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.5380, 73.6240, 53.4000 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 118.5380, 73.6240, 53.4000 by changing the saturation by 10% instead.


 118.5380, 73.6240,
53.4000


 118.5380, 73.6240,
53.4000


255.0000, -0.0000,
-0.0000


 84.9990, 73.9440,
58.6160


 169.0800, 60.0540,
46.0220


 57.4440, 71.1930,
58.9130


 189.1810, 43.4120,
39.2520


 45.9660, 60.3750,
45.7110


 209.3960, 26.4490,
32.7930

 34.7870, 50.1530,
32.7210

 228.5850, 12.3750,
23.5350

 23.9070, 40.5270,
19.9430

 245.6080, 4.4000,
8.3680

 13.6830, 26.1780,
10.1620

 0.0000, 0.0000,

0.0000

■ 118.5380, 73.6240,
53.4000

■ 118.5380, 73.6240,
53.4000

■ 104.1420, 83.8470,
60.8630

■ 132.9340, 63.4010,
45.9370

■ 89.7460, 94.0700,
68.3260

■ 147.3300, 53.1780,
38.4740

■ 76.6380, 103.4220,
75.0540

■ 162.4270, 42.3590,
30.7990

■ 176.8230, 32.1360,
23.3360

■ 191.2190, 21.9130,
15.8730

■ 205.6150, 11.6900,
8.4100

■ 220.1250, 1.1460,
1.2580

■ 235.1080, -9.3520,
-6.7280

■ 244.2210,
-17.1000, -9.4840

Harmonies

Analogous

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



126.9910, 32.8640, 54.2080



118.5380, 73.6240, 53.4000



118.1270, 87.0620, 30.1180

Triad

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



118.5380, 73.6240, 53.4000



109.9980, 18.3950, -52.5570



110.5370, -111.4580, -6.4820

Complementary

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



118.5380, 73.6240, 53.4000



167.4620, -73.6240, -53.4000

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.



109.2710, -99.6260, -22.6820



118.5380, 73.6240, 53.4000



93.8130, -61.6110, -56.3550

Square

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



118.5380, 73.6240, 53.4000



117.3500, 56.1710, -32.3170



102.7730, -81.3290, -40.4090



105.3170, -113.2940, 4.7700

Rectangle

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



118.5380, 73.6240, 53.4000



119.7450, 84.3610, 7.4730



102.7730, -81.3290, -40.4090



110.9300, -108.4310, -11.7830

Sweetspot

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



118.5380, 73.6240, 53.4000



219.6540, 25.1220, 18.2900



109.5200, 4.1140, 68.6420



107.0500, 14.8990, 10.8270



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.



118.5380, 73.6240, 53.4000



112.9150, 101.0840, 73.3720



118.8730, 90.5930, 26.6970



104.8590, 4.9510, 3.8870



60.7180, 82.1050, 59.3930



16.6320, 22.1880, 16.3960

Inverse Universe

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



118.5380, 73.6240, 53.4000



112.9150, 101.0840, 73.3720



167.1270, -90.5930, -26.6970



104.8590, 4.9510, 3.8870



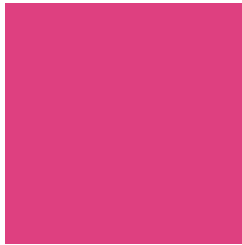
60.7180, 82.1050, 59.3930



16.6320, 22.1880, 16.3960

Previews

White Background



This preview shows how the YIQ color 118.5380, 73.6240, 53.4000 looks on a white background.

Color Contrast Check

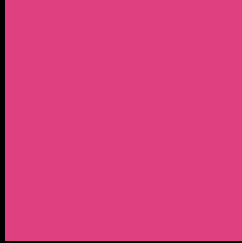
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.5380, 73.6240, 53.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

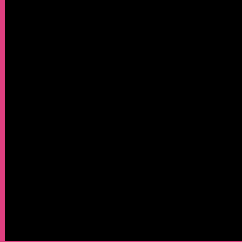
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.5380, 73.6240, 53.4000

Background



This preview shows how black text looks on a background with the YIQ color 118.5380, 73.6240, 53.4000.



This preview shows how white text looks on a background with the YIQ color 118.5380, 73.6240,

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

118.5380, 73.6240, 53.4000

Protanopia

126.5700, -18.8000, 10.3200

Deuteranopia

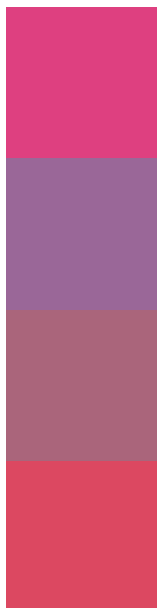
127.4530, 11.9660, 3.4060



Tritanopia

119.2130, 83.9440, 31.5600

Trichromacy



Original Color

118.5380, 73.6240, 53.4000

Protanomaly

123.8350, 14.6670, 26.0510

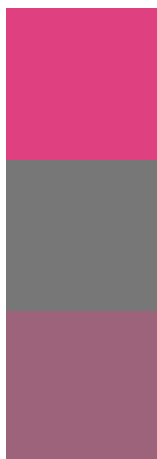
Deuteranomaly

124.1390, 34.0620, 21.4700

Tritanomaly

119.1020, 80.1830, 39.1510

Monochromacy



Original Color

118.5380, 73.6240, 53.4000

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.6650, 26.5890, 19.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.5380, 73.6240, 53.4000 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(222, 64, 128)` looks like.

```
.text, #text, p{  
    color:rgb(222, 64, 128)  
}
```

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(222, 64, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 64, 128) }
```

Border

The CSS property to change the border of an element to YIQ 118.5380, 73.6240, 53.4000 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(222, 64, 128) }
```


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

```
.border{ border-color:rgb(222, 64, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 64, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 64, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 64, 128);  
box-shadow:4px 4px 4px 4px rgb(222, 64,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 118.5380, 73.6240, 53.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 64, 128) }
```

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

```
.background{ background-color: rgb(222, 64,  
128) }
```

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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