

Converting Colors

YIQ(113.5610, 74.8170, 48.2970)

Have a look what the booklet for
YIQ(113.5610, 74.8170, 48.2970)
contains.

YIQ(113.5610, 74.8170, 48.2970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(113.5610, 74.8170,
48.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	D73E71
RGB	215, 62, 113
RGB Percent	84%, 24%, 44%
CMY	0.1565, 0.7571, 0.5566
CMYK	0.00, 0.71, 0.47, 0.16
HSL	340°, 66%, 54%
HSV	340°, 71%, 84%
XYZ	32.7575, 19.0944, 17.6012
YIQ	113.5610, 74.8170, 48.2970

Conversions

Conversions Part 2

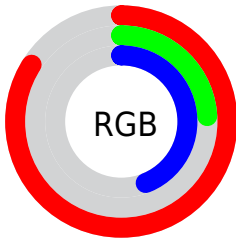
Format	Color
R_{YB}	215, 62, 113
Decimal	14106225
CIE _{Lab}	50.80, 62.64, 6.22
CIE _{LCh}	51, 62.947, 5.670
Yxy	19.0944, 0.4716, 0.2749
Android (android.graphics.Color)	4292296305 (0xFFD73E71)
YUV	113.5610, -0.2766, 88.9620
Hunter-Lab	43.6971, 57.3423, 6.7059

Details

The YIQ color **113.5610, 74.8170, 48.2970** 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 **163.4390, -74.8170, -48.2970**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4950, 66.0150, 42.6150**, and **53.8690, 71.1940, 53.3860** is the 20% darker color. If you saturate the color by 10%, you get **99.0510, 85.3610, 55.4490**, and if you desaturate by 10%, it is **127.4840, 64.5480, 41.6680**.

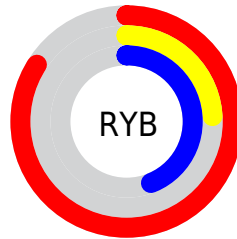
Distribution



Red (84%)

Green (24%)

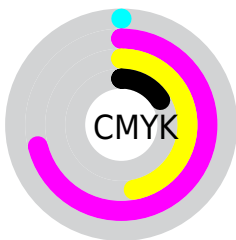
Blue (44%)



Red (84%)

Yellow (24%)

Blue (44%)

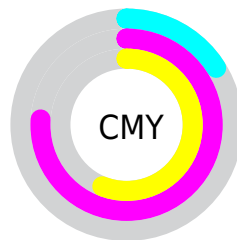


Cyan (0%)

Magenta (71%)

Yellow (47%)

Black (16%)



Cyan (16%)


Magenta (76%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.5610, 74.8170, 48.2970 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 113.5610, 74.8170, 48.2970 by changing the saturation by 10% instead.


 113.5610, 74.8170,
48.2970


 113.5610, 74.8170,
48.2970


255.0000, -0.0000,
-0.0000


 80.7230, 74.5410,
53.3010


 165.4950, 66.0150,
42.6150


 53.8690, 71.1940,
53.3860


 185.5960, 49.3730,
35.8450

 42.3910, 60.3760,
40.1840


 205.1100, 33.0060,
29.5980

 31.4400, 49.5120,
27.8160

 225.4390, 15.7220,
23.4500

 20.9730, 40.1610,
15.5610

 243.8470, 5.2250,
9.9370

 11.1770, 21.7310,
8.1550

 0.0000, 0.0000,

0.0000

■ 113.5610, 74.8170,
48.2970

■ 113.5610, 74.8170,
48.2970

■ 99.0510, 85.3610,
55.4490

■ 127.4840, 64.5480,
41.6680

■ 85.0140, 95.9510,
61.7670

■ 142.1080, 53.6830,
34.8270

■ 72.4930, 105.0280,
67.9720

■ 156.0310, 43.4140,
28.1980

■ 170.5410, 32.8700,
21.0460

■ 184.5780, 22.2800,
14.7280

■ 199.0880, 11.7360,
7.5760

■ 213.5980, 1.1920,
0.4240

■ 227.6350, -9.3980,
-5.8940

■ 241.5580,
-19.6670, -12.5230

Harmonies

Analogous

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



120.3570, 40.5210, 53.1050



113.5610, 74.8170, 48.2970



114.3450, 83.2120, 22.7960

Triad

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



113.5610, 74.8170, 48.2970



105.1030, 5.0980, -48.3580



105.9720, -108.2490, -4.0650

Complementary

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



113.5610, 74.8170, 48.2970



163.4390, -74.8170, -48.2970

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.



105.2760, -98.0220, -18.7100



113.5610, 74.8170, 48.2970



91.7900, -62.8040, -51.2520

Square

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



113.5610, 74.8170, 48.2970



112.2780, 47.5060, -34.9740



99.9350, -81.6050, -35.4050



98.8940, -107.6090, 6.3670

Rectangle

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



113.5610, 74.8170, 48.2970



114.8920, 79.2730, 0.5610



99.9350, -81.6050, -35.4050



106.5930, -105.8640, -8.7440

Sweetspot

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



113.5610, 74.8170, 48.2970



219.1980, 26.4060, 17.0460



109.0430, 9.8910, 68.5710



106.7080, 15.8620, 9.8940



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.



113.5610, 74.8170, 48.2970



111.2050, 105.8990, 68.7070



121.2480, 84.8630, 20.4070



99.7450, 5.2720, 3.5760



57.6270, 83.6190, 53.9790



14.4530, 21.1340, 13.4700

Inverse Universe

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



113.5610, 74.8170, 48.2970



111.2050, 105.8990, 68.7070



155.7520, -84.8630, -20.4070



99.7450, 5.2720, 3.5760



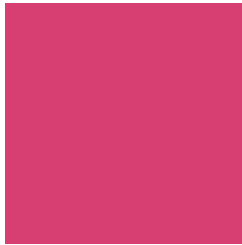
57.6270, 83.6190, 53.9790



14.4530, 21.1340, 13.4700

Previews

White Background



This preview shows how the YIQ color 113.5610, 74.8170, 48.2970 looks on a white background.

Color Contrast Check

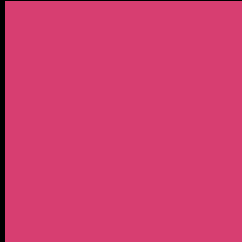
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5610, 74.8170, 48.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

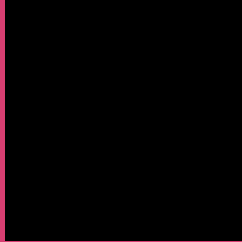
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.5610, 74.8170, 48.2970

Background



This preview shows how black text looks on a background with the YIQ color 113.5610, 74.8170, 48.2970.



This preview shows how white text looks on a background with the YIQ color 113.5610, 74.8170,

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

113.5610, 74.8170, 48.2970

Protanopia

121.7680, -10.7300, 7.2380

Deuteranopia

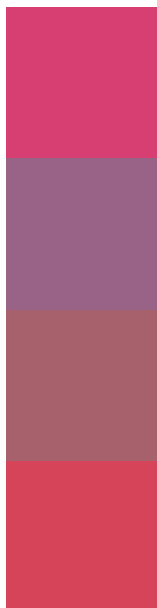
122.3240, 16.6430, 1.2430



Tritanopia

113.9140, 83.3480, 31.3480

Trichromacy



Original Color

113.5610, 74.8170, 48.2970

Protanomaly

118.8370, 20.3530, 22.1210

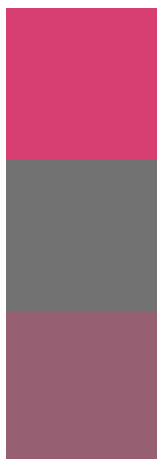
Deuteranomaly

119.2980, 37.8680, 18.5720

Tritanomaly

114.0480, 80.2750, 37.4830

Monochromacy



Original Color

113.5610, 74.8170, 48.2970

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9100, 27.2770, 17.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5610, 74.8170, 48.2970 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(215, 62, 113)` looks like.

```
.text, #text, p{  
    color:rgb(215, 62, 113)  
}
```

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(215, 62, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 62, 113) }
```

Border

The CSS property to change the border of an element to YIQ 113.5610, 74.8170, 48.2970 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(215, 62, 113) }
```


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

```
.border{ border-color:rgb(215, 62, 113) }
```

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

Here you see how a box with a 4 pixel rgb(215, 62, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 62, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 62, 113);  
box-shadow:4px 4px 4px 4px rgb(215, 62,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5610, 74.8170, 48.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 62, 113) }
```

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

```
.background{ background-color: rgb(215, 62,  
113) }
```

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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