

Converting Colors

YIQ(122.7300, 72.6630, 43.2790)

Have a look what the booklet for
YIQ(122.7300, 72.6630, 43.2790)
contains.

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Color

**YIQ(122.7300, 72.6630,
43.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4B74
RGB	219, 75, 116
RGB Percent	86%, 29%, 45%
CMY	0.1408, 0.7061, 0.5448
CMYK	0.00, 0.66, 0.47, 0.14
HSL	343°, 67%, 58%
HSV	343°, 66%, 86%
XYZ	34.9098, 21.3611, 18.8261
YIQ	122.7300, 72.6630, 43.2790

Conversions

Conversions Part 2

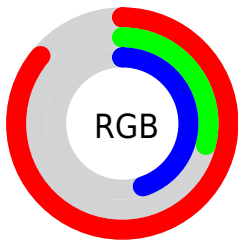
Format	Color
RYB	219, 75, 116
Decimal	14371700
CIELab	53.34, 59.18, 8.14
CIELCh	53, 59.741, 7.827
Yxy	21.3611, 0.4649, 0.2844
Android (android.graphics.Color)	4292561780 (0xFFDB4B74)
YUV	122.7300, -3.3179, 84.4288
Hunter-Lab	46.2180, 53.9447, 8.2019

Details

The YIQ color **122.7300, 72.6630, 43.2790** 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 **171.2700, -72.6630, -43.2790**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.2940, 62.0270, 37.7950**, and **55.2930, 72.9360, 54.8560** is the 20% darker color. If you saturate the color by 10%, you get **107.9920, 83.8490, 49.8090**, and if you desaturate by 10%, it is **137.4680, 61.4770, 36.7490**.

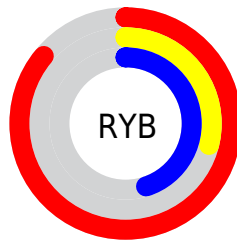
Distribution



Red (86%)

Green (29%)

Blue (45%)



Red (86%)

Yellow (29%)

Blue (45%)

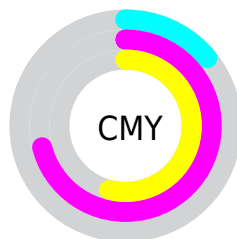


Cyan (0%)

Magenta (66%)

Yellow (47%)

Black (14%)



Cyan (14%)

Magenta (71%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.7300, 72.6630, 43.2790 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 122.7300, 72.6630, 43.2790 by changing the saturation by 10% instead.


 122.7300, 72.6630,
43.2790


 122.7300, 72.6630,
43.2790


255.0000, -0.0000,
-0.0000


 92.8270, 71.0120,
45.6680


 172.2940, 62.0270,
37.7950


 55.2930, 72.9360,
54.8560


 192.3950, 45.3850,
31.0250

 43.8150, 62.1180,
41.6540


 212.0230, 28.6970,
25.0890

 32.8640, 51.2540,
29.2860

 232.2380, 11.7340,
18.6300

 21.7560, 42.2700,
15.8860

 250.3040, 2.2000,
4.1840

 12.9710, 25.3070,
9.4270

 0.0000, 0.0000,

0.0000

■ 122.7300, 72.6630,
43.2790

■ 122.7300, 72.6630,
43.2790

■ 107.9920, 83.8490,
49.8090

■ 137.4680, 61.4770,
36.7490

■ 93.3680, 94.7140,
56.6500

■ 152.0920, 50.6120,
29.9080

■ 78.6300, 105.9000,
63.1800

■ 166.8300, 39.4260,
23.3780

■ 72.5490, 110.6220,
65.7100

■ 181.5680, 28.2400,
16.8480

■ 195.6050, 17.6500,
10.5300

■ 210.3430, 6.4640,
4.0000

■ 225.0810, -4.7220,
-2.5300

■ 239.7050,
-15.5870, -9.3710

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



127.8470, 41.8970, 50.1930



122.7300, 72.6630, 43.2790



122.3830, 80.0490, 19.5450

Triad

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



122.7300, 72.6630, 43.2790



112.9870, -0.2670, -44.7390



109.3630, -110.9080, -5.4360

Complementary

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



122.7300, 72.6630, 43.2790



171.2700, -72.6630, -43.2790

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.



109.5960, -101.9190, -19.6710



122.7300, 72.6630, 43.2790



97.2670, -68.5810, -51.1810

Square

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



122.7300, 72.6630, 43.2790



117.5830, 47.9650, -37.7870



104.5970, -86.4650, -35.4330



101.9430, -109.3050, 4.0630

Rectangle

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



122.7300, 72.6630, 43.2790



122.7990, 75.1010, -0.9230



104.5970, -86.4650, -35.4330



110.0980, -108.8440, -9.8040

Sweetspot

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



122.7300, 72.6630, 43.2790



220.9590, 25.5810, 15.4770



121.6150, 13.9720, 66.1960



107.2950, 15.5870, 9.3710



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.



122.7300, 72.6630, 43.2790



120.5970, 101.4990, 60.3390



135.0790, 77.8490, 15.3610



102.6310, 5.5930, 3.2650



57.3130, 87.3790, 51.9150



15.2360, 23.2430, 13.7950

Inverse Universe

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



122.7300, 72.6630, 43.2790



120.5970, 101.4990, 60.3390



158.9210, -77.8490, -15.3610



102.6310, 5.5930, 3.2650



57.3130, 87.3790, 51.9150



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 122.7300, 72.6630, 43.2790 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 122.7300, 72.6630, 43.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

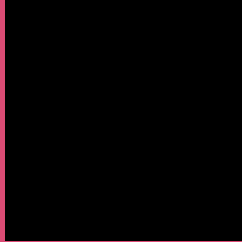
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.7300, 72.6630, 43.2790

Background



This preview shows how black text looks on a background with the YIQ color 122.7300, 72.6630, 43.2790.



This preview shows how white text looks on a background with the YIQ color 122.7300, 72.6630,

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

122.7300, 72.6630, 43.2790

Protanopia

128.4540, -6.9700, 5.1740

Deuteranopia

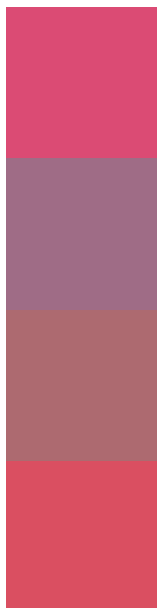
128.5800, 18.7980, 0.7340



Tritanopia

122.2340, 79.4510, 30.3870

Trichromacy



Original Color

122.7300, 72.6630, 43.2790

Protanomaly

126.2130, 22.0500, 18.8980

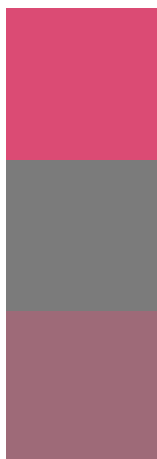
Deuteranomaly

126.7170, 38.0060, 16.0700

Tritanomaly

122.6130, 77.0660, 35.0660

Monochromacy



Original Color

122.7300, 72.6630, 43.2790

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1440, 26.4980, 15.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.7300, 72.6630, 43.2790 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(219, 75, 116)` looks like.

```
.text, #text, p{  
    color:rgb(219, 75, 116)  
}
```

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(219, 75, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 75, 116) }
```

Border

The CSS property to change the border of an element to YIQ 122.7300, 72.6630, 43.2790 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(219, 75, 116) }
```


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

```
.border{ border-color:rgb(219, 75, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 75, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 75, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 75, 116);  
box-shadow:4px 4px 4px 4px rgb(219, 75,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 122.7300, 72.6630, 43.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 75, 116) }
```

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

```
.background{ background-color: rgb(219, 75,  
116) }
```

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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