

Converting Colors

YIQ(103.9390, 74.1730, 59.9730)

Have a look what the booklet for
YIQ(103.9390, 74.1730, 59.9730)
contains.

YIQ(103.9390, 74.1730, 59.9730)	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(103.9390, 74.1730,
59.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	D42D7C
RGB	212, 45, 124
RGB Percent	83%, 18%, 49%
CMY	0.1682, 0.8238, 0.5135
CMYK	0.00, 0.79, 0.42, 0.17
HSL	332°, 66%, 50%
HSV	332°, 79%, 83%
XYZ	31.7618, 17.3422, 20.7618
YIQ	103.9390, 74.1730, 59.9730

Conversions

Conversions Part 2

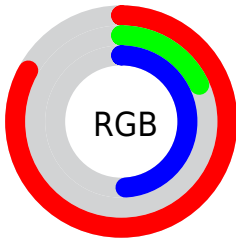
Format	Color
R_{YB}	212, 45, 124
Decimal	13905276
CIE _{Lab}	48.69, 68.14, -3.58
CIE _{LCh}	49, 68.236, 356.990
Yxy	17.3422, 0.4546, 0.2482
Android (android.graphics.Color)	4292095356 (0xFFD42D7C)
YUV	103.9390, 9.8901, 94.7695
Hunter-Lab	41.6439, 63.2650, -0.4087

Details

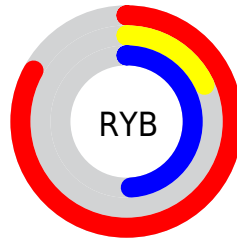
The YIQ color **103.9390, 74.1730, 59.9730** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **153.0610, -74.1730, -59.9730**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.7050, 65.7840, 52.3120**, and **53.9980, 66.5170, 55.5490** is the 20% darker color. If you saturate the color by 10%, you get **90.3580, 83.4790, 67.5350**, and if you desaturate by 10%, it is **117.5200, 64.8670, 52.4110**.

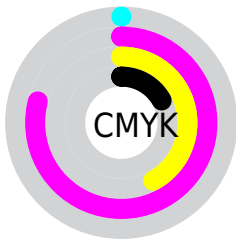
Distribution



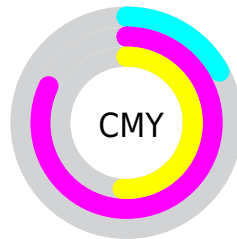
- Red (83%)
- Green (18%)
- Blue (49%)



- Red (83%)
- Yellow (18%)
- Blue (49%)



- Cyan (0%)
- Magenta (79%)
- Yellow (42%)
- Black (17%)





- Cyan (17%)
- Magenta (82%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.9390, 74.1730, 59.9730 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 103.9390, 74.1730, 59.9730 by changing the saturation by 10% instead.


 103.9390, 74.1730,
59.9730


 103.9390, 74.1730,
59.9730


255.0000, -0.0000,
-0.0000


 65.7040, 76.6930,
69.3730


 159.7050, 65.7840,
52.3120


 53.9980, 66.5170,
55.5490


 179.9200, 48.8210,
45.8530

 42.5200, 55.6990,
42.3470


 200.1350, 31.8580,
39.3940

 31.4550, 45.1560,
29.6680

 219.7800, 16.5000,
31.3800

 20.7170, 38.0060,
16.0700

 237.3900, 8.2500,
15.6900

 9.9810, 19.3470,
7.3070

 0.0000, 0.0000,

0.0000

■ 103.9390, 74.1730,
59.9730

■ 103.9390, 74.1730,
59.9730

■ 90.3580, 83.4790,
67.5350

■ 117.5200, 64.8670,
52.4110

■ 76.7770, 92.7850,
75.0970

■ 131.1010, 55.5610,
44.8490


■ 74.7880, 94.2520,
76.0440

■ 145.3830, 45.6590,
37.0750


■ 158.9640, 36.3530,
29.5130

■ 172.5450, 27.0470,
21.9510

■ 186.1260, 17.7410,
14.3890

 199.7070, 8.4350,
6.8270

 213.8750, -1.1460,
-1.2580

 227.5700,
-10.7730, -8.5090

Harmonies

Analogous

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



116.0060, 28.5080, 56.0600



103.9390, 74.1730, 59.9730



104.1970, 90.0410, 36.7050

Triad

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



103.9390, 74.1730, 59.9730



101.1600, 18.1190, -47.5530



104.7010, -106.0480, -5.4080

Complementary

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



103.9390, 74.1730, 59.9730



153.0610, -74.1730, -59.9730

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.



101.8050, -92.3820, -21.8060



103.9390, 74.1730, 59.9730



85.1900, -52.4870, -56.5110

Square

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



103.9390, 74.1730, 59.9730



108.5120, 55.8950, -27.3130



94.4920, -73.1680, -39.6320



99.8230, -108.8470, 6.7770

Rectangle

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



103.9390, 74.1730, 59.9730



107.2340, 87.4780, 11.5580



94.4920, -73.1680, -39.6320



104.3930, -102.4250, -10.4970

Sweetspot

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



103.9390, 74.1730, 59.9730



215.5450, 27.0470, 21.9510



89.7520, -2.3510, 70.1690



104.0010, 16.5950, 13.1310



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.



103.9390, 74.1730, 59.9730



98.3540, 107.6380, 86.7580



96.6940, 98.7070, 33.8350



99.8590, 4.9510, 3.8870



60.3630, 75.9150, 61.4430



15.2510, 18.8870, 15.6470

Inverse Universe

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



103.9390, 74.1730, 59.9730



98.3540, 107.6380, 86.7580



160.3060, -98.7070, -33.8350



99.8590, 4.9510, 3.8870



60.3630, 75.9150, 61.4430



15.2510, 18.8870, 15.6470

Previews

White Background



This preview shows how the YIQ color 103.9390, 74.1730, 59.9730 looks on a white background.

Color Contrast Check

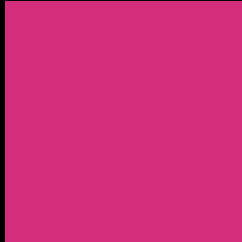
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9390, 74.1730, 59.9730 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 103.9390, 74.1730, 59.9730

Background



This preview shows how black text looks on a background with the YIQ color 103.9390, 74.1730, 59.9730.



This preview shows how white text looks on a background with the YIQ color 103.9390, 74.1730,

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

103.9390, 74.1730, 59.9730

Protanopia

116.4430, -25.6320, 12.9920

Deuteranopia

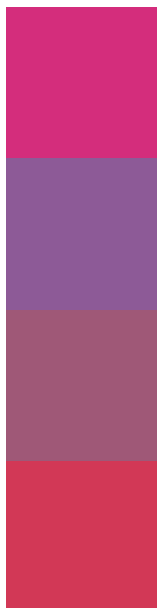
117.8270, 7.9770, 4.1130



Tritanopia

106.2950, 86.6490, 32.0970

Trichromacy



Original Color

103.9390, 74.1730, 59.9730

Protanomaly

112.2030, 10.8150, 29.7830

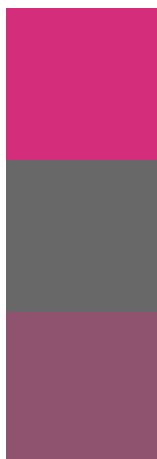
Deuteranomaly

112.7630, 32.3650, 24.6930

Tritanomaly

105.4660, 82.1540, 41.9780

Monochromacy



Original Color

103.9390, 74.1730, 59.9730

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.1320, 26.7720, 21.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.9390, 74.1730, 59.9730 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(212, 45, 124)` looks like.

```
.text, #text, p{  
    color:rgb(212, 45, 124)  
}
```

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(212, 45, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 45, 124) }
```

Border

The CSS property to change the border of an element to YIQ 103.9390, 74.1730, 59.9730 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(212, 45, 124) }
```


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

```
.border{ border-color:rgb(212, 45, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 45, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 45, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 45, 124);  
box-shadow:4px 4px 4px 4px rgb(212, 45,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 103.9390, 74.1730, 59.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 45, 124) }
```

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

```
.background{ background-color: rgb(212, 45,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor