

Converting Colors

YIQ(123.9710, 97.5100, 61.0460)

Have a look what the booklet for
YIQ(123.9710, 97.5100, 61.0460)
contains.

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Color

**YIQ(123.9710, 97.5100,
61.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3A78
RGB	255, 58, 120
RGB Percent	100%, 23%, 47%
CMY	0.0000, 0.7728, 0.5291
CMYK	0.00, 0.77, 0.53, 0.00
HSL	341°, 100%, 61%
HSV	341°, 77%, 100%
XYZ	46.1443, 25.6360, 20.3130
YIQ	123.9710, 97.5100, 61.0460

Conversions

Conversions Part 2

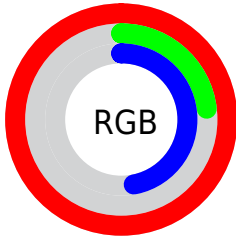
Format	Color
R_{YB}	255, 58, 120
Decimal	16726648
CIE _{Lab}	57.69, 75.34, 12.77
CIE _{LCh}	58, 76.420, 9.621
Yxy	25.6360, 0.5011, 0.2784
Android (android.graphics.Color)	4294916728 (0xFFFF3A78)
YUV	123.9710, -1.9577, 114.9124
Hunter-Lab	50.6320, 74.0731, 11.6559

Details

The YIQ color **123.9710, 97.5100, 61.0460** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **189.0290, -97.5100, -61.0460**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **168.0540, 62.9430, 43.2230**, and **65.6160, 91.3200, 63.0960** is the 20% darker color. If you saturate the color by 10%, you get **106.7710, 110.1170, 69.3570**, and if you desaturate by 10%, it is **140.6980, 84.8570, 53.5690**.

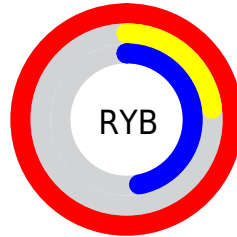
Distribution



Red (100%)

Green (23%)

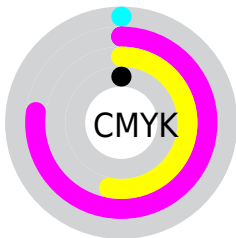
Blue (47%)



Red (100%)

Yellow (23%)

Blue (47%)

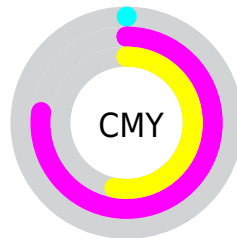


Cyan (0%)

Magenta (77%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.9710, 97.5100, 61.0460 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 123.9710, 97.5100, 61.0460 by changing the saturation by 10% instead.


 123.9710, 97.5100,
61.0460


 123.9710, 97.5100,
61.0460

255.0000, -0.0000,
-0.0000


 77.6210, 102.0920,
77.1320


 167.4670, 63.2180,
43.7460


 65.6160, 91.3200,
63.0960


 188.1550, 46.3010,
36.4530

 53.5400, 79.3100,
49.4700


 208.9570, 29.0630,
29.4710

 41.9910, 67.2540,
36.6780

 229.7590, 11.8250,
22.4890

 29.9430, 58.0410,
21.9210

 247.3690, 3.5750,
6.7990

 20.9730, 40.1610,
15.5610

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 123.9710, 97.5100,
61.0460

■ 123.9710, 97.5100,
61.0460

■ 106.7710,
110.1170, 69.3570

■ 140.6980, 84.8570,
53.5690

■ 90.0440, 122.7700,
76.8340

■ 157.8980, 72.2500,
45.2580

■ 85.3650, 126.3000,
78.9400

■ 174.5110, 59.9180,
37.4700

■ 191.8250, 46.9900,
29.4700

■ 208.4380, 34.6580,
21.6820

■ 225.7520, 21.7300,
13.6820

■ 242.3650, 9.3980,
5.8940

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



133.8360, 58.7660, 69.3740



123.9710, 97.5100, 61.0460



128.6370, 102.8810, 24.2650

Triad

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



123.9710, 97.5100, 61.0460



113.9580, -2.4640, -65.5040



121.8160, -125.3050, -3.3290

Complementary

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



123.9710, 97.5100, 61.0460



189.0290, -97.5100, -61.0460

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.



123.4510, -117.5080, -17.9880



123.9710, 97.5100, 61.0460



107.0010, -73.9440, -58.6160

Square

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



123.9710, 97.5100, 61.0460



128.1930, 48.8830, -43.4130



116.7420, -97.2390, -38.4150



111.2500, -120.3550, 6.0850

Rectangle

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



123.9710, 97.5100, 61.0460



128.8770, 100.8240, -10.0560



116.7420, -97.2390, -38.4150



124.0500, -126.0840, -5.7320

Sweetspot

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



123.9710, 97.5100, 61.0460



215.8070, 29.0650, 18.4170



120.8230, 17.2230, 89.8870



104.0180, 17.9250, 11.0530



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.



123.9710, 97.5100, 61.0460



97.4130, 117.1770, 73.5690



138.0350, 107.5120, 22.9360



119.3430, 6.4640, 4.0000



63.9490, 94.5760, 59.1520



21.4160, 31.7240, 19.7880

Inverse Universe

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



123.9710, 97.5100, 61.0460



97.4130, 117.1770, 73.5690



174.9650, -107.5120, -22.9360



119.3430, 6.4640, 4.0000



63.9490, 94.5760, 59.1520



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 123.9710, 97.5100, 61.0460 looks on a white background.

Color Contrast Check

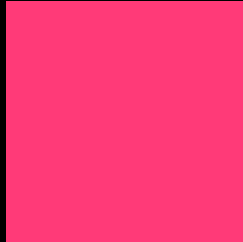
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.9710, 97.5100, 61.0460 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 123.9710, 97.5100, 61.0460

Background



This preview shows how black text looks on a background with the YIQ color 123.9710, 97.5100, 61.0460.



This preview shows how white text looks on a background with the YIQ color 123.9710, 97.5100,

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

123.9710, 97.5100, 61.0460

Protanopia

139.5400, -10.0880, 6.6160

Deuteranopia

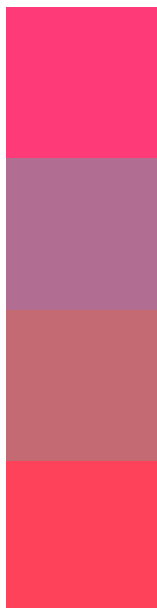
139.1630, 24.3460, -0.6940



Tritanopia

125.0590, 108.1050, 39.7290

Trichromacy



Original Color

123.9710, 97.5100, 61.0460

Protanomaly

133.9630, 28.9260, 26.4460

Deuteranomaly

133.8220, 51.0720, 21.5680

Tritanomaly

124.9480, 104.3440, 47.3200

Monochromacy



Original Color

123.9710, 97.5100, 61.0460

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.1500, 35.5290, 22.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.9710, 97.5100, 61.0460 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(255, 58, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 120)  
}
```

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(255, 58, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 120) }
```

Border

The CSS property to change the border of an element to YIQ 123.9710, 97.5100, 61.0460 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(255, 58, 120) }
```


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

```
.border{ border-color:rgb(255, 58, 120) }
```

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

Here you see how a box with a 4 pixel rgb(255, 58, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 123.9710, 97.5100, 61.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 120) }
```

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

```
.background{ background-color: rgb(255, 58,  
120) }
```

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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