

Converting Colors

YIQ(163.7730, 44.7410, 42.7010)

Have a look what the booklet for
YIQ(163.7730, 44.7410, 42.7010)
contains.

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Color

**YIQ(163.7730, 44.7410,
42.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	E97CBB
RGB	233, 124, 187
RGB Percent	91%, 49%, 73%
CMY	0.0860, 0.5139, 0.2665
CMYK	0.00, 0.47, 0.20, 0.09
HSL	325°, 71%, 70%
HSV	325°, 47%, 91%
XYZ	49.8042, 35.3296, 51.2265
YIQ	163.7730, 44.7410, 42.7010

Conversions

Conversions Part 2

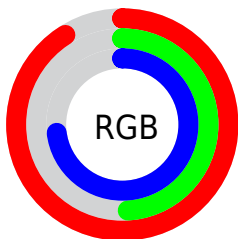
Format	Color
R _Y B	233, 124, 187
Decimal	15301819
CIE Lab	66.00, 49.63, -14.16
CIE LCh	66, 51.614, 344.072
Yxy	35.3296, 0.3652, 0.2591
Android (android.graphics.Color)	4293491899 (0xFFE97CBB)
YUV	163.7730, 11.4509, 60.7121
Hunter-Lab	59.4387, 45.5491, -9.4912

Details

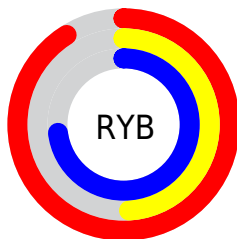
The YIQ color **163.7730, 44.7410, 42.7010** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **193.2270, -44.7410, -42.7010**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.0200, 24.7520, 36.0160**, and **109.2780, 41.7610, 41.6410** is the 20% darker color. If you saturate the color by 10%, you get **149.1320, 54.2760, 51.6200**, and if you desaturate by 10%, it is **178.4140, 35.2060, 33.7820**.

Distribution



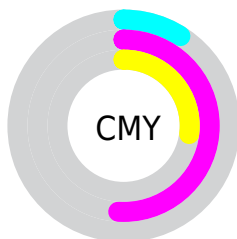
- Red (91%)
- Green (49%)
- Blue (73%)



- Red (91%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (47%)
- Yellow (20%)
- Black (9%)




- Cyan (9%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.7730, 44.7410, 42.7010 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 163.7730, 44.7410, 42.7010 by changing the saturation by 10% instead.


 163.7730, 44.7410,
42.7010


 163.7730, 44.7410,
42.7010


255.0000, -0.0000,
-0.0000

 136.1750, 43.5490,
42.2770


 209.0200, 24.7520,
36.0160


 108.6910, 42.0360,
42.1640


 226.8240, 13.2000,
25.1040

 81.5060, 41.1190,
42.2630

 243.8470, 5.2250,
9.9370

 49.8530, 41.7600,
47.1680

 34.4620, 35.2510,
38.4750

 24.1800, 26.8170,
26.1210

 14.4960, 19.5750,

14.1910

■ 0.0000, 0.0000,
0.0000

■ 163.7730, 44.7410,
42.7010

■ 163.7730, 44.7410,
42.7010

■ 149.1320, 54.2760,
51.6200

■ 178.4140, 35.2060,
33.7820

■ 133.9040, 64.0860,
61.0620

■ 193.6420, 25.3960,
24.3400

■ 119.3770, 73.3000,
70.2920

■ 208.2830, 15.8610,
15.4210

■ 104.7360, 82.8350,
79.2110

■ 222.8100, 6.6470,
6.1910

■ 89.5080, 92.6450,
88.6530

■ 237.4510, -2.8880,
-2.7280

■ 85.0570, 95.5330,
91.3810

■ 247.3960,
-10.2230, -7.4630

■ 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



164.8790, 3.3400, 38.6040



163.7730, 44.7410, 42.7010



160.8400, 68.9970, 32.6210

Triad

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



163.7730, 44.7410, 42.7010



154.0130, 32.3750, -30.5770



131.7830, -121.6790, -24.9990

Complementary

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



163.7730, 44.7410, 42.7010



193.2270, -44.7410, -42.7010

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.



128.6420, -108.7010, -39.9410



163.7730, 44.7410, 42.7010



147.7720, -9.6670, -39.5790

Square

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



163.7730, 44.7410, 42.7010



157.5210, 60.8440, -12.3720



128.8730, -79.0350, -48.9470



129.3500, -127.2290, -12.5170

Rectangle

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



163.7730, 44.7410, 42.7010



159.8600, 74.2720, 19.6160



128.8730, -79.0350, -48.9470



130.8880, -117.7810, -29.5650

Sweetspot

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



163.7730, 44.7410, 42.7010



232.1580, 14.7150, 14.1630



149.8810, -8.1690, 43.4390



113.9460, 9.2600, 8.3960



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.



163.7730, 44.7410, 42.7010



164.2190, 58.5850, 56.1290



157.6170, 62.0750, 25.9070



109.9730, 4.6300, 4.1980



66.0890, 74.1710, 71.0270



19.6800, 22.2330, 21.0890

Inverse Universe

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



163.7730, 44.7410, 42.7010



164.2190, 58.5850, 56.1290



199.3830, -62.0750, -25.9070



109.9730, 4.6300, 4.1980



66.0890, 74.1710, 71.0270



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 163.7730, 44.7410, 42.7010 looks on a white background.

Color Contrast Check

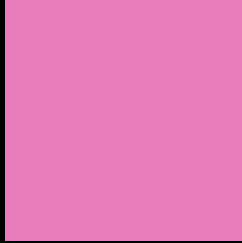
Large Text (above 18pt) WCAG AA × Fail

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 163.7730, 44.7410, 42.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

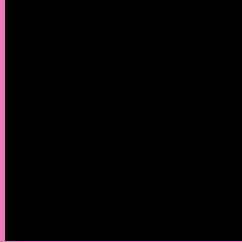
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.7730, 44.7410, 42.7010

Background



This preview shows how black text looks on a background with the YIQ color 163.7730, 44.7410, 42.7010.



This preview shows how white text looks on a background with the YIQ color 163.7730, 44.7410,

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

163.7730, 44.7410, 42.7010

Protanopia

161.3400, -23.8440, 13.6280

Deuteranopia

162.7260, -1.7440, 9.5840



Tritanopia

162.8440, 54.0060, 23.4620

Trichromacy



Original Color

163.7730, 44.7410, 42.7010



Protanomaly

161.9520, 1.0960, 24.2000



Deuteranomaly

163.0860, 15.2180, 21.5700



Tritanomaly

163.2060, 50.2910, 30.2190

Monochromacy



Original Color

163.7730, 44.7410, 42.7010



Achromatopsia

164.0000, 0.0000, -0.0000



Achromatomaly

163.5820, 16.4570, 15.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.7730, 44.7410, 42.7010 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(233, 124, 187)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 187)  
}
```

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(233, 124, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 187) }
```

Border

The CSS property to change the border of an element to YIQ 163.7730, 44.7410, 42.7010 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(233, 124, 187) }
```


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

```
.border{ border-color:rgb(233, 124, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 124, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 124, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 124, 187);  
box-shadow:4px 4px 4px 4px rgb(233, 124,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 163.7730, 44.7410, 42.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 124, 187) }
```

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

```
.background{ background-color: rgb(233,  
124, 187) }
```

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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