

Converting Colors

YIQ(163.0450, 40.7990, 37.0470)

Have a look what the booklet for
YIQ(163.0450, 40.7990, 37.0470)
contains.

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Color

**YIQ(163.0450, 40.7990,
37.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	E180B5
RGB	225, 128, 181
RGB Percent	88%, 50%, 71%
CMY	0.1174, 0.4982, 0.2901
CMYK	0.00, 0.43, 0.20, 0.12
HSL	327°, 62%, 69%
HSV	327°, 43%, 88%
XYZ	47.1298, 34.7836, 47.9625
YIQ	163.0450, 40.7990, 37.0470

Conversions

Conversions Part 2

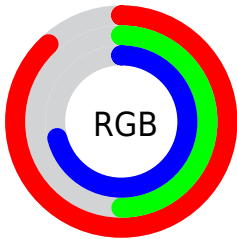
Format	Color
R _Y B	225, 128, 181
Decimal	14778549
CIE Lab	65.58, 44.11, -11.52
CIE LCh	66, 45.594, 345.364
Yxy	34.7836, 0.3629, 0.2678
Android (android.graphics.Color)	4292968629 (0xFFE180B5)
YUV	163.0450, 8.8518, 54.3345
Hunter-Lab	58.9776, 39.4311, -6.9323

Details

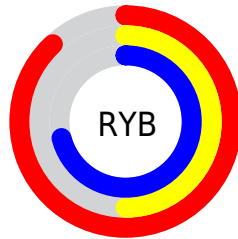
The YIQ color **163.0450, 40.7990, 37.0470** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **189.9550, -40.7990, -37.0470**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.6840, 25.5780, 32.0580**, and **109.4360, 38.1400, 35.6760** is the 20% darker color. If you saturate the color by 10%, you get **148.4040, 50.3340, 45.9660**, and if you desaturate by 10%, it is **177.0990, 31.5390, 28.6510**.

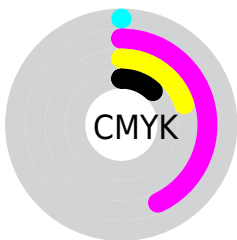
Distribution



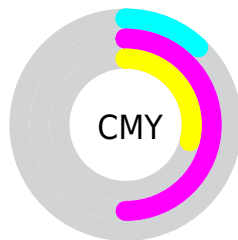
- Red (88%)
- Green (50%)
- Blue (71%)



- Red (88%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (12%)



- Cyan (12%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.0450, 40.7990, 37.0470 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 163.0450, 40.7990, 37.0470 by changing the saturation by 10% instead.

163.0450, 40.7990,
37.0470

163.0450, 40.7990,
37.0470

255.0000, -0.0000,
-0.0000

136.0340, 39.3320,
36.1000

210.6840, 25.5780,
32.0580

109.4360, 38.1400,
35.6760

229.1720, 12.1000,
23.0120

82.3650, 36.9020,
36.0860

246.1950, 4.1250,
7.8450

55.1200, 36.2140,
37.5420

32.0980, 33.2800,
35.6480

22.2290, 25.1210,
23.8170

12.3170, 18.5210,

11.2650

■ 0.0000, 0.0000,
0.0000

■ 163.0450, 40.7990,
37.0470

■ 163.0450, 40.7990,
37.0470

■ 148.4040, 50.3340,
45.9660

■ 177.0990, 31.5390,
28.6510

■ 134.3500, 59.5940,
54.3620

■ 191.7400, 22.0040,
19.7320

■ 119.5950, 69.4500,
62.9700

■ 205.9080, 12.4230,
11.6470

■ 105.5410, 78.7100,
71.3660

■ 220.5490, 2.8880,
2.7280

■ 90.9000, 88.2450,
80.2850

■ 234.6030, -6.3720,
-5.6680

■ 81.2970, 94.6170,
85.9530

■ 244.5480,
-13.7070, -10.4030

■ 245.6880,
-16.9170, -7.2930

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



163.7280, 5.0830, 34.5470



163.0450, 40.7990, 37.0470



160.7850, 61.6620, 27.8860

Triad

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



163.0450, 40.7990, 37.0470



153.8970, 27.0100, -26.9580



128.5230, -118.0110, -25.3950

Complementary

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



163.0450, 40.7990, 37.0470



189.9550, -40.7990, -37.0470

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.



126.1800, -107.2800, -38.1600



163.0450, 40.7990, 37.0470



148.2330, -9.3470, -34.3630

Square

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



163.0450, 40.7990, 37.0470



157.1550, 53.1870, -11.2690



136.5380, -61.6140, -39.7740



132.0160, -111.5490, -10.3410

Rectangle

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



163.0450, 40.7990, 37.0470



159.5600, 66.2490, 16.3370



136.5380, -61.6140, -39.7740



128.4430, -115.0300, -29.8620

Sweetspot

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



163.0450, 40.7990, 37.0470



233.9190, 13.8900, 12.5940



152.2140, -4.9130, 39.4950



114.5330, 8.9850, 7.8730



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.



163.0450, 40.7990, 37.0470



170.0890, 55.8350, 50.8990



157.5730, 56.2070, 22.1190



104.9730, 4.6300, 4.1980



63.5680, 74.0800, 67.1680



17.3160, 20.2620, 18.2620

Inverse Universe

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



163.0450, 40.7990, 37.0470



170.0890, 55.8350, 50.8990



195.4270, -56.2070, -22.1190



104.9730, 4.6300, 4.1980



63.5680, 74.0800, 67.1680



17.3160, 20.2620, 18.2620

Previews

White Background



This preview shows how the YIQ color 163.0450, 40.7990, 37.0470 looks on a white background.

Color Contrast Check

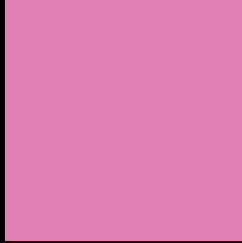
Large Text (above 18pt) WCAG AA × Fail

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 163.0450, 40.7990, 37.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

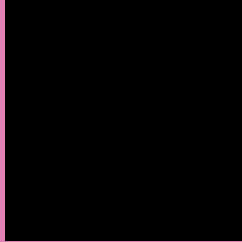
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.0450, 40.7990, 37.0470

Background



This preview shows how black text looks on a background with the YIQ color 163.0450, 40.7990, 37.0470.



This preview shows how white text looks on a background with the YIQ color 163.0450, 40.7990,

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

163.0450, 40.7990, 37.0470

Protanopia

160.2110, -19.1670, 11.4650

Deuteranopia

161.2810, 1.0070, 9.2870



Tritanopia

161.8540, 48.0460, 21.3420

Trichromacy



Original Color

163.0450, 40.7990, 37.0470

Protanomaly

161.3280, 2.7930, 20.9770

Deuteranomaly

161.9180, 15.6310, 19.5910

Tritanomaly

161.8740, 45.2940, 27.1660

Monochromacy



Original Color

163.0450, 40.7990, 37.0470

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.0440, 15.0360, 13.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.0450, 40.7990, 37.0470 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(225, 128, 181)` looks like.

```
.text, #text, p{  
    color:rgb(225, 128, 181)  
}
```

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(225, 128, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 128, 181) }
```

Border

The CSS property to change the border of an element to YIQ 163.0450, 40.7990, 37.0470 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(225, 128, 181) }
```


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

```
.border{ border-color:rgb(225, 128, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 128, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 128, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 128, 181);  
box-shadow:4px 4px 4px 4px rgb(225, 128,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 163.0450, 40.7990, 37.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 128, 181) }
```

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

```
.background{ background-color: rgb(225,  
128, 181) }
```

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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