

Converting Colors

YIQ(162.9000, 51.5730, 40.0290)

Have a look what the booklet for
YIQ(162.9000, 51.5730, 40.0290)
contains.

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Color

**YIQ(162.9000, 51.5730,
40.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7BAE
RGB	237, 123, 174
RGB Percent	93%, 48%, 68%
CMY	0.0703, 0.5178, 0.3175
CMYK	0.00, 0.48, 0.27, 0.07
HSL	333°, 76%, 71%
HSV	333°, 48%, 93%
XYZ	49.6720, 35.2295, 44.2479
YIQ	162.9000, 51.5730, 40.0290

Conversions

Conversions Part 2

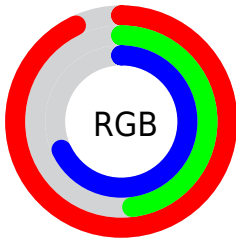
Format	Color
RYB	237, 123, 174
Decimal	15563694
CIELab	65.93, 49.61, -6.89
CIElCh	66, 50.085, 352.096
Yxy	35.2295, 0.3846, 0.2728
Android (android.graphics.Color)	4293753774 (0xFFED7BAE)
YUV	162.9000, 5.4723, 64.9857
Hunter-Lab	59.3545, 45.5110, -2.6517

Details

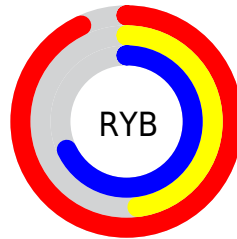
The YIQ color **162.9000, 51.5730, 40.0290** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **197.1000, -51.5730, -40.0290**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.8370, 29.5210, 32.1850**, and **107.6330, 47.9510, 39.5910** is the 20% darker color. If you saturate the color by 10%, you get **147.3300, 62.3460, 48.5380**, and if you desaturate by 10%, it is **178.4700, 40.8000, 31.5200**.

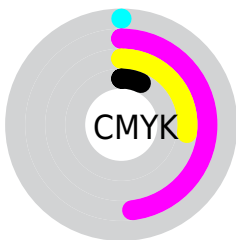
Distribution



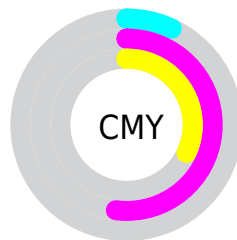
- Red (93%)
- Green (48%)
- Blue (68%)



- Red (93%)
- Yellow (48%)
- Blue (68%)



- Cyan (0%)
- Magenta (48%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (52%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.9000, 51.5730, 40.0290 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 162.9000, 51.5730, 40.0290 by changing the saturation by 10% instead.


 162.9000, 51.5730,
40.0290


 162.9000, 51.5730,
40.0290


255.0000, -0.0000,
-0.0000

 135.3020, 50.3810,
39.6050


 206.8370, 29.5210,
32.1850


 107.6330, 47.9510,
39.5910


 226.2370, 13.4750,
25.6270

 80.5620, 46.7130,
40.0010

 243.2600, 5.5000,
10.4600

 47.1480, 48.1790,
46.4750

 34.2190, 40.2490,
36.0010

 23.7520, 30.8980,
23.7460

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 162.9000, 51.5730,
40.0290

■ 162.9000, 51.5730,
40.0290

■ 147.3300, 62.3460,
48.5380

■ 178.4700, 40.8000,
31.5200

■ 132.3470, 72.8440,
56.5240

■ 193.4530, 30.3020,
23.5340

■ 116.7770, 83.6170,
65.0330

■ 209.0230, 19.5290,
15.0250

■ 101.2070, 94.3900,
73.5420

■ 224.5930, 8.7560,
6.5160

■ 85.6370, 105.1630,
82.0510

■ 239.6900, -2.0630,
-1.1590

■ 82.9470, 107.2260,
83.2100

■ 249.3900,
-10.0860, -4.4380

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



164.8650, 15.1230, 39.8190



162.9000, 51.5730, 40.0290



160.4500, 69.9150, 26.9950

Triad

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



162.9000, 51.5730, 40.0290



152.9840, 22.1510, -32.5130



130.7060, -122.7800, -21.5640

Complementary

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



162.9000, 51.5730, 40.0290



197.1000, -51.5730, -40.0290

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.



129.4230, -112.2780, -35.6860



162.9000, 51.5730, 40.0290



145.5410, -22.1380, -39.3380

Square

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



162.9000, 51.5730, 40.0290



157.0530, 53.2340, -17.6300



123.4780, -96.9160, -49.7800



135.0640, -111.5040, -5.6480

Rectangle

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



162.9000, 51.5730, 40.0290



159.6760, 71.6140, 12.7180



123.4780, -96.9160, -49.7800



130.6260, -119.7990, -26.0310

Sweetspot

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



162.9000, 51.5730, 40.0290



231.5880, 16.3200, 12.6080



154.8330, 0.9540, 48.8100



113.7180, 9.9020, 7.7740



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.



162.9000, 51.5730, 40.0290



158.7760, 67.0220, 51.9020



160.6080, 66.2940, 21.0300



109.8590, 4.9510, 3.8870



63.3530, 81.8750, 63.5630



18.8820, 24.4800, 18.9120

Inverse Universe

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



162.9000, 51.5730, 40.0290



158.7760, 67.0220, 51.9020



199.3920, -66.2940, -21.0300



109.8590, 4.9510, 3.8870



63.3530, 81.8750, 63.5630



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 162.9000, 51.5730, 40.0290 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 162.9000, 51.5730, 40.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

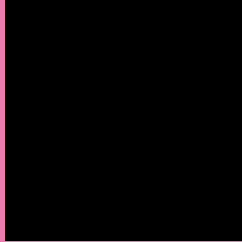
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.9000, 51.5730, 40.0290

Background



This preview shows how black text looks on a background with the YIQ color 162.9000, 51.5730, 40.0290.



This preview shows how white text looks on a background with the YIQ color 162.9000, 51.5730,

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

162.9000, 51.5730, 40.0290

Protanopia

161.2390, -16.3700, 10.3340

Deuteranopia

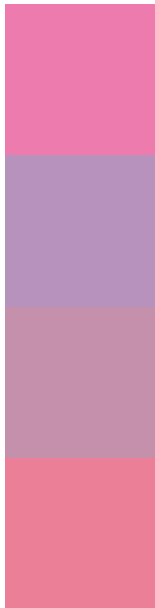
162.5650, 5.9590, 7.6470



Tritanopia

162.1220, 59.0950, 24.8470

Trichromacy



Original Color

162.9000, 51.5730, 40.0290

Protanomaly

161.9650, 8.2490, 21.2170

Deuteranomaly

162.6260, 22.3250, 19.4210

Tritanomaly

162.1420, 56.3430, 30.6710

Monochromacy



Original Color

162.9000, 51.5730, 40.0290

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.7240, 18.9330, 14.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.9000, 51.5730, 40.0290 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(237, 123, 174)` looks like.

```
.text, #text, p{  
    color:rgb(237, 123, 174)  
}
```

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(237, 123, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 123, 174) }
```

Border

The CSS property to change the border of an element to YIQ 162.9000, 51.5730, 40.0290 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(237, 123, 174) }
```


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

```
.border{ border-color:rgb(237, 123, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 123, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 123, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 123, 174); box-shadow:4px 4px 4px 4px rgb(237, 123, 174) }
```

Background

The CSS property to change the background color of an element to YIQ 162.9000, 51.5730, 40.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 123, 174) }
```

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

```
.background{ background-color: rgb(237,  
123, 174) }
```

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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