

Converting Colors

YIQ(122.9160, 37.4490, 53.7130)

Have a look what the booklet for
YIQ(122.9160, 37.4490, 53.7130)
contains.

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Color

**YIQ(122.9160, 37.4490,
53.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	C04EAD
RGB	192, 78, 173
RGB Percent	75%, 31%, 68%
CMY	0.2467, 0.6943, 0.3215
CMYK	0.00, 0.59, 0.10, 0.25
HSL	310°, 48%, 53%
HSV	310°, 59%, 75%
XYZ	32.0253, 19.6773, 41.6551
YIQ	122.9160, 37.4490, 53.7130

Conversions

Conversions Part 2

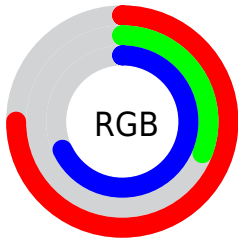
Format	Color
R_{YB}	192, 78, 173
Decimal	12603053
CIE _{Lab}	51.47, 57.11, -28.86
CIE _{LCh}	51, 63.985, 333.189
Yxy	19.6773, 0.3430, 0.2108
Android (android.graphics.Color)	4290793133 (0xFFC04EAD)
YUV	122.9160, 24.6914, 60.5867
Hunter-Lab	44.3592, 51.2402, -24.6243

Details

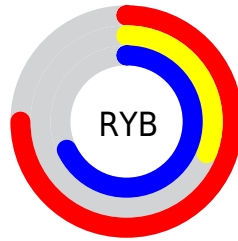
The YIQ color **122.9160, 37.4490, 53.7130** is a dark color, and the websafe version is hex **CC66CC**. The color can be described as middle muted rose. A complement of this color would be **147.0840, -37.4490, -53.7130**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.2260, 39.5120, 54.8720**, and **61.6760, 38.3650, 59.1410** is the 20% darker color. If you saturate the color by 10%, you get **111.4210, 43.6370, 62.7170**, and if you desaturate by 10%, it is **134.4110, 31.2610, 44.7090**.

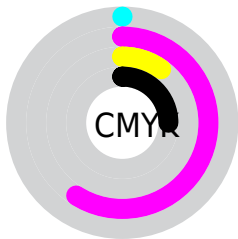
Distribution



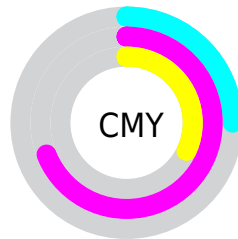
- Red (75%)
- Green (31%)
- Blue (68%)



- Red (75%)
- Yellow (31%)
- Blue (68%)



- Cyan (0%)
- Magenta (59%)
- Yellow (10%)
- Black (25%)



- Cyan (25%)
- Magenta (69%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9160, 37.4490, 53.7130 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 122.9160, 37.4490, 53.7130 by changing the saturation by 10% instead.

122.9160, 37.4490,
53.7130

122.9160, 37.4490,
53.7130

255.0000, -0.0000,
-0.0000

94.4430, 37.4030,
54.5470

179.2260, 39.5120,
54.8720

61.9750, 38.9610,
59.3530

199.8220, 25.8500,
49.1620

43.1220, 33.8730,
52.4410

216.2580, 18.1500,
34.5180

32.3130, 25.4850,
39.2530

233.2810, 10.1750,
19.3510

22.6290, 18.2430,
27.3230

250.3040, 2.2000,
4.1840

11.1510, 7.4250,
14.1210

0.0000, 0.0000,

0.0000

■ 122.9160, 37.4490,
53.7130

■ 122.9160, 37.4490,
53.7130

■ 111.4210, 43.6370,
62.7170

■ 134.4110, 31.2610,
44.7090

■ 99.9260, 49.8250,
71.7210

■ 145.9060, 25.0730,
35.7050

■ 87.7300, 56.6090,
80.9370

■ 158.1020, 18.2890,
26.4890

■ 76.2350, 62.7970,
89.9410

■ 169.5970, 12.1010,
17.4850

■ 75.6480, 63.0720,
90.4640

■ 181.0920, 5.9130,
8.4810

■ 192.5870, -0.2750,
-0.5230

■ 204.0820, -6.4630,
-9.5270

■ 216.2780,
-13.2470, -18.7430

■ 227.7730,
-19.4350, -27.7470

Harmonies

Analogous

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



124.4170, -21.6020, 39.0860



122.9160, 37.4490, 53.7130



115.1420, 74.6790, 50.7990

Triad

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



122.9160, 37.4490, 53.7130



114.0720, 51.0820, -33.7020



106.9230, -98.5260, -20.5900

Complementary

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



122.9160, 37.4490, 53.7130



147.0840, -37.4490, -53.7130

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.



100.7670, -81.1920, -37.3840



122.9160, 37.4490, 53.7130



106.4580, 11.2880, -50.4080

Square

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



122.9160, 37.4490, 53.7130



116.2690, 79.2290, -9.6590



92.5080, -62.0700, -53.5420



107.8470, -109.3950, -5.3230

Rectangle

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



122.9160, 37.4490, 53.7130



114.5600, 84.5850, 36.4650



92.5080, -62.0700, -53.5420



104.9850, -93.0690, -25.8770

Sweetspot

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



122.9160, 37.4490, 53.7130



222.6730, 14.9430, 21.0470



96.6770, -25.2700, 39.4820



107.9940, 9.3050, 13.0890



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



122.9160, 37.4490, 53.7130



142.0940, 58.5800, 83.7640



116.4180, 55.7460, 35.9860



90.9020, 3.3920, 4.6080



63.4150, 52.9420, 75.8060



13.0590, 10.6800, 15.7040

Inverse Universe

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



122.9160, 37.4490, 53.7130



142.0940, 58.5800, 83.7640



153.5820, -55.7460, -35.9860



90.9020, 3.3920, 4.6080



63.4150, 52.9420, 75.8060



13.0590, 10.6800, 15.7040

Previews

White Background



This preview shows how the YIQ color 122.9160, 37.4490, 53.7130 looks on a white background.

Color Contrast Check

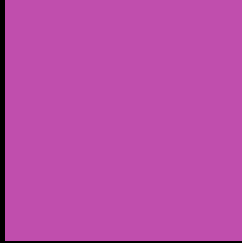
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.9160, 37.4490, 53.7130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

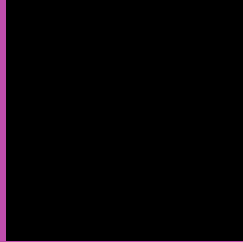
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.9160, 37.4490, 53.7130

Background



This preview shows how black text looks on a background with the YIQ color 122.9160, 37.4490, 53.7130.



This preview shows how white text looks on a background with the YIQ color 122.9160, 37.4490,

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

122.9160, 37.4490, 53.7130

Protanopia

119.8660, -48.5120, 20.1600

Deuteranopia

123.1400, -20.4050, 11.8750



Tritanopia

123.4090, 50.7970, 21.0450

Trichromacy



Original Color

122.9160, 37.4490, 53.7130

Protanomaly

121.2400, -16.9700, 32.2300

Deuteranomaly

122.7610, 0.3160, 27.3240

Tritanomaly

123.0470, 46.4850, 33.1170

Monochromacy



Original Color

122.9160, 37.4490, 53.7130

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1350, 13.5220, 19.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9160, 37.4490, 53.7130 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(192, 78, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 78, 173)  
}
```

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(192, 78, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 78, 173) }
```

Border

The CSS property to change the border of an element to YIQ 122.9160, 37.4490, 53.7130 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(192, 78, 173) }
```


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

```
.border{ border-color:rgb(192, 78, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 78, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 78, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 78, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 78,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9160, 37.4490, 53.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 78, 173) }
```

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

```
.background{ background-color: rgb(192, 78,  
173) }
```

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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