

Converting Colors

YIQ(121.8990, 79.6770, 48.3250)

Have a look what the booklet for
YIQ(121.8990, 79.6770, 48.3250)
contains.

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Color

**YIQ(121.8990, 79.6770,
48.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	E44574
RGB	228, 69, 116
RGB Percent	89%, 27%, 45%
CMY	0.1055, 0.7296, 0.5448
CMYK	0.00, 0.70, 0.49, 0.11
HSL	342°, 75%, 58%
HSV	342°, 70%, 89%
XYZ	37.3085, 22.0216, 18.8290
YIQ	121.8990, 79.6770, 48.3250

Conversions

Conversions Part 2

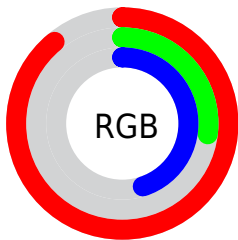
Format	Color
R_{YB}	228, 69, 116
Decimal	14959988
CIE _{Lab}	54.05, 64.15, 9.35
CIE _{LCh}	54, 64.833, 8.292
Yxy	22.0216, 0.4773, 0.2818
Android (android.graphics.Color)	4293150068 (0xFFE44574)
YUV	121.8990, -2.9082, 93.0506
Hunter-Lab	46.9272, 59.7899, 9.0596

Details

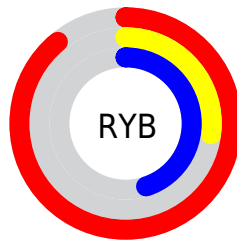
The YIQ color **121.8990, 79.6770, 48.3250** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **175.1010, -79.6770, -48.3250**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.9460, 63.1270, 39.8870**, and **57.6850, 77.7040, 56.5520** is the 20% darker color. If you saturate the color by 10%, you get **106.5740, 91.1380, 55.3780**, and if you desaturate by 10%, it is **137.2240, 68.2160, 41.2720**.

Distribution



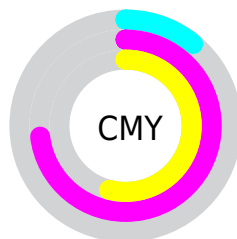
- Red (89%)
- Green (27%)
- Blue (45%)



- Red (89%)
- Yellow (27%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (49%)
- Black (11%)




- Cyan (11%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.8990, 79.6770, 48.3250 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 121.8990, 79.6770, 48.3250 by changing the saturation by 10% instead.


 121.8990, 79.6770,
48.3250


 121.8990, 79.6770,
48.3250


255.0000, -0.0000,
-0.0000


 89.9360, 78.2550,
52.0710


 169.9460, 63.1270,
39.8870


 57.6850, 77.7040,
56.5520


 190.0470, 46.4850,
33.1170

 46.2070, 66.8860,
43.3500


 210.2620, 29.5220,
26.6580

 34.9570, 55.4260,
30.7700

 230.4770, 12.5590,
20.1990

 23.8490, 46.4420,
17.3700

 248.5430, 3.0250,
5.7530

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 121.8990, 79.6770,
48.3250

■ 121.8990, 79.6770,
48.3250

■ 106.5740, 91.1380,
55.3780

■ 137.2240, 68.2160,
41.2720

■ 91.2490, 102.5990,
62.4310

■ 152.5490, 56.7550,
34.2190

■ 76.5110, 113.7850,
68.9610

■ 167.2870, 45.5690,
27.6890

■ 75.9240, 114.0600,
69.4840

■ 182.6120, 34.1080,
20.6360

■ 197.9370, 22.6470,
13.5830

■ 213.2620, 11.1860,
6.5300

■ 228.5870, -0.2750,
-0.5230

■ 243.4390,
-11.7820, -6.7420

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



128.4610, 46.1600, 55.5360



121.8990, 79.6770, 48.3250



123.1450, 86.6510, 21.0430

Triad

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



121.8990, 79.6770, 48.3250



112.2270, -1.1830, -50.1670



112.2640, -114.9430, -3.8950

Complementary

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



121.8990, 79.6770, 48.3250



175.1010, -79.6770, -48.3250

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.



112.3830, -105.6330, -18.4410



121.8990, 79.6770, 48.3250



98.9140, -69.0850, -53.0610

Square

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



121.8990, 79.6770, 48.3250



119.6430, 47.7360, -39.1440



107.4010, -88.8490, -36.2810



104.3710, -113.3860, 6.4380

Rectangle

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



121.8990, 79.6770, 48.3250



123.4530, 81.8870, -2.7610



107.4010, -88.8490, -36.2810



112.9990, -112.8790, -8.2630

Sweetspot

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



121.8990, 79.6770, 48.3250



218.9700, 27.0480, 16.4240



120.3150, 15.1170, 72.9810



106.5940, 16.1830, 9.5830



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.



121.8990, 79.6770, 48.3250



112.1680, 107.3210, 64.9610



135.3250, 85.9640, 16.9720



107.0440, 5.8680, 3.7880



59.5630, 89.6710, 54.4310



16.9590, 25.5810, 15.4770

Inverse Universe

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



121.8990, 79.6770, 48.3250



112.1680, 107.3210, 64.9610



161.6750, -85.9640, -16.9720



107.0440, 5.8680, 3.7880



59.5630, 89.6710, 54.4310



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 121.8990, 79.6770, 48.3250 looks on a white background.

Color Contrast Check

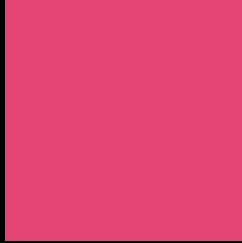
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8990, 79.6770, 48.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

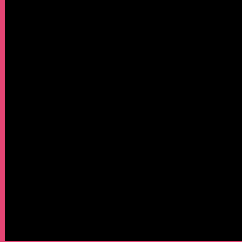
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.8990, 79.6770, 48.3250

Background



This preview shows how black text looks on a background with the YIQ color 121.8990, 79.6770, 48.3250.



This preview shows how white text looks on a background with the YIQ color 121.8990, 79.6770,

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

121.8990, 79.6770, 48.3250

Protanopia

130.3830, -8.2080, 5.5840

Deuteranopia

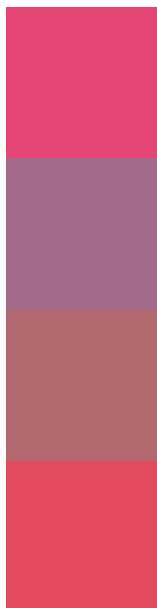
130.5370, 20.3570, 0.0130



Tritanopia

122.0070, 87.5200, 32.8320

Trichromacy



Original Color

121.8990, 79.6770, 48.3250

Protanomaly

127.1640, 23.7460, 21.2020

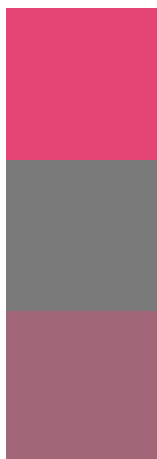
Deuteranomaly

127.5110, 41.5820, 17.3420

Tritanomaly

122.0270, 84.7680, 38.6560

Monochromacy



Original Color

121.8990, 79.6770, 48.3250

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2800, 29.1110, 17.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8990, 79.6770, 48.3250 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(228, 69, 116)` looks like.

```
.text, #text, p{  
    color:rgb(228, 69, 116)  
}
```

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(228, 69, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 69, 116) }
```

Border

The CSS property to change the border of an element to YIQ 121.8990, 79.6770, 48.3250 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(228, 69, 116) }
```


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

```
.border{ border-color:rgb(228, 69, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 69, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 69, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 69, 116);  
box-shadow:4px 4px 4px 4px rgb(228, 69,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8990, 79.6770, 48.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 69, 116) }
```

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

```
.background{ background-color: rgb(228, 69,  
116) }
```

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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