

Converting Colors

YIQ(165.1470, 48.7790, 24.5790)

Have a look what the booklet for
YIQ(165.1470, 48.7790, 24.5790)
contains.

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Color

**YIQ(165.1470, 48.7790,
24.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	E38899
RGB	227, 136, 153
RGB Percent	89%, 53%, 60%
CMY	0.1096, 0.4668, 0.3998
CMYK	0.00, 0.40, 0.33, 0.11
HSL	349°, 62%, 71%
HSV	349°, 40%, 89%
XYZ	46.2492, 36.2393, 34.7142
YIQ	165.1470, 48.7790, 24.5790

Conversions

Conversions Part 2

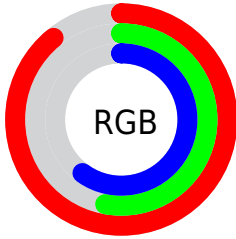
Format	Color
R_{YB}	227, 136, 153
Decimal	14911641
CIE Lab	66.70, 36.80, 5.96
CIE LCh	67, 37.275, 9.201
Yxy	36.2393, 0.3946, 0.3092
Android (android.graphics.Color)	4293101721 (0xFFE38899)
YUV	165.1470, -5.9885, 54.2451
Hunter-Lab	60.1991, 31.7879, 7.9494

Details

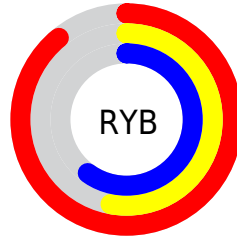
The YIQ color **165.1470, 48.7790, 24.5790** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **197.8530, -48.7790, -24.5790**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.9600, 33.0080, 18.5440**, and **111.4670, 44.8820, 23.6180** is the 20% darker color. If you saturate the color by 10%, you get **149.5940, 60.8820, 31.0100**, and if you desaturate by 10%, it is **180.7000, 36.6760, 18.1480**.

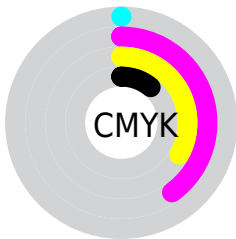
Distribution



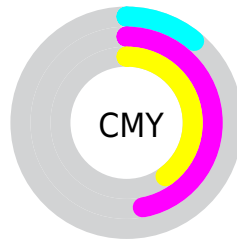
- Red (89%)
- Green (53%)
- Blue (60%)



- Red (89%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.1470, 48.7790, 24.5790 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 165.1470, 48.7790, 24.5790 by changing the saturation by 10% instead.


 165.1470, 48.7790,
24.5790


 165.1470, 48.7790,
24.5790


255.0000, -0.0000,
-0.0000


 138.2500, 46.9910,
23.9430


 211.9600, 33.0080,
18.5440


 111.4670, 44.8820,
23.6180


 231.5880, 16.3200,
12.6080

 85.6840, 42.7730,
23.2930

 250.8910, 1.9250,
3.6610

 60.4280, 40.6180,
23.8020

 32.8240, 39.5630,
26.4030

 19.6070, 32.5040,
16.6640

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 165.1470, 48.7790,
24.5790

■ 165.1470, 48.7790,
24.5790

■ 149.5940, 60.8820,
31.0100

■ 180.7000, 36.6760,
18.1480

■ 134.5140, 73.0310,
36.6070

■ 195.7800, 24.5270,
12.5510

■ 118.9610, 85.1340,
43.0380

■ 211.3330, 12.4240,
6.1200

■ 103.2940, 97.5580,
49.1580

■ 227.0000, -0.0000,
-0.0000

■ 87.7410, 109.6610,
55.5890

■ 241.9660,
-11.8280, -5.9080

■ 72.7750, 121.4890,
61.4970

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



166.5980, 28.6960, 30.6160



165.1470, 48.7790, 24.5790



163.3520, 54.9710, 11.4750

Triad

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



165.1470, 48.7790, 24.5790



155.2390, -0.3160, -27.3240



147.1310, -78.0800, -5.6640

Complementary

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



165.1470, 48.7790, 24.5790



197.8530, -48.7790, -24.5790

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.



127.7420, -114.4340, -29.6500



165.1470, 48.7790, 24.5790



148.8080, -35.7110, -30.1350

Square

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



165.1470, 48.7790, 24.5790



159.1240, 28.1090, -19.3390



138.4240, -78.4880, -31.3200



159.9560, -40.2580, 13.7420

Rectangle

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



165.1470, 48.7790, 24.5790



162.3480, 51.6260, 0.5060



138.4240, -78.4880, -31.3200



141.7440, -90.4120, -13.4520

Sweetspot

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



165.1470, 48.7790, 24.5790



233.9530, 16.5500, 8.4380



168.2010, 14.2970, 43.7770



115.7240, 9.7650, 4.7490



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.



165.1470, 48.7790, 24.5790



172.1000, 65.3290, 33.0170



179.0580, 46.8110, 5.1710



106.8160, 6.5100, 3.1660



57.2830, 96.0910, 48.2110



16.3890, 27.1860, 13.9220

Inverse Universe

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



165.1470, 48.7790, 24.5790



172.1000, 65.3290, 33.0170



183.9420, -46.8110, -5.1710



106.8160, 6.5100, 3.1660



57.2830, 96.0910, 48.2110



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 165.1470, 48.7790, 24.5790 looks on a white background.

Color Contrast Check

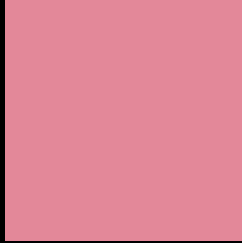
Large Text (above 18pt) WCAG AA × Fail

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 165.1470, 48.7790, 24.5790 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 165.1470, 48.7790, 24.5790

Background



This preview shows how black text looks on a background with the YIQ color 165.1470, 48.7790, 24.5790.



This preview shows how white text looks on a background with the YIQ color 165.1470, 48.7790,

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

165.1470, 48.7790, 24.5790

Protanopia

163.2820, -0.7340, 2.2900

Deuteranopia

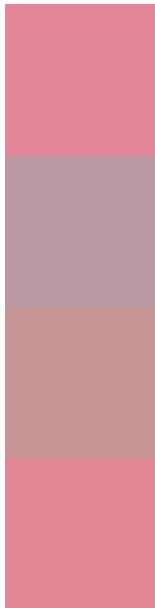
163.8620, 18.0640, 3.0240



Tritanopia

165.0500, 50.4300, 22.1900

Trichromacy



Original Color

165.1470, 48.7790, 24.5790

Protanomaly

164.3060, 17.0540, 10.3180

Deuteranomaly

164.0640, 29.4790, 10.9110

Tritanomaly

165.2780, 49.7880, 22.8120

Monochromacy



Original Color

165.1470, 48.7790, 24.5790

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9640, 18.0170, 9.3850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.1470, 48.7790, 24.5790 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(227, 136, 153)` looks like.

```
.text, #text, p{  
    color:rgb(227, 136, 153)  
}
```

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(227, 136, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 136, 153) }
```

Border

The CSS property to change the border of an element to YIQ 165.1470, 48.7790, 24.5790 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(227, 136, 153) }
```


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

```
.border{ border-color:rgb(227, 136, 153) }
```

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

Here you see how a box with a 4 pixel rgb(227, 136, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 136, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 136, 153);  
box-shadow:4px 4px 4px 4px rgb(227, 136,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 165.1470, 48.7790, 24.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 136, 153) }
```

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

```
.background{ background-color: rgb(227,  
136, 153) }
```

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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