

Converting Colors

YIQ(171.7820, 48.5490, 28.7490)

Have a look what the booklet for
YIQ(171.7820, 48.5490, 28.7490)
contains.

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Color

**YIQ(171.7820, 48.5490,
28.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8CA7
RGB	236, 140, 167
RGB Percent	93%, 55%, 65%
CMY	0.0743, 0.4511, 0.3449
CMYK	0.00, 0.41, 0.29, 0.07
HSL	343°, 72%, 74%
HSV	343°, 41%, 93%
XYZ	50.9641, 39.3796, 41.4954
YIQ	171.7820, 48.5490, 28.7490

Conversions

Conversions Part 2

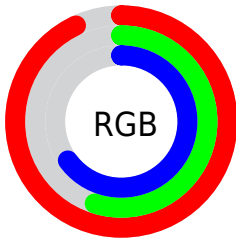
Format	Color
R _{YB}	236, 140, 167
Decimal	15502503
CIE _{Lab}	69.03, 39.72, 1.59
CIE _{LCh}	69, 39.748, 2.296
Yxy	39.3796, 0.3866, 0.2987
Android (android.graphics.Color)	4293692583 (0xFFEC8CA7)
YUV	171.7820, -2.3575, 56.3192
Hunter-Lab	62.7532, 35.1483, 4.7219

Details

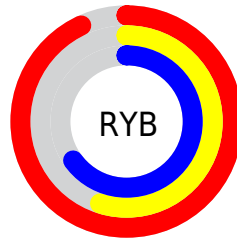
The YIQ color **171.7820, 48.5490, 28.7490** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **204.2180, -48.5490, -28.7490**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.0180, 27.0930, 21.1170**, and **117.9880, 44.9730, 27.4770** is the 20% darker color. If you saturate the color by 10%, you get **155.7560, 60.6060, 36.0140**, and if you desaturate by 10%, it is **187.8080, 36.4920, 21.4840**.

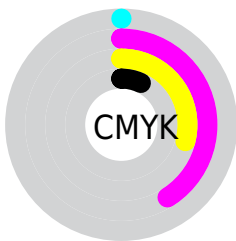
Distribution



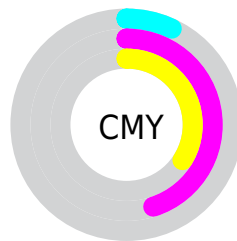
- Red (93%)
- Green (55%)
- Blue (65%)



- Red (93%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (41%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.7820, 48.5490, 28.7490 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 171.7820, 48.5490, 28.7490 by changing the saturation by 10% instead.


 171.7820, 48.5490,
28.7490


 171.7820, 48.5490,
28.7490


255.0000, -0.0000,
-0.0000

 144.2980, 47.0360,
28.6360


 216.0180, 27.0930,
21.1170


 117.9880, 44.9730,
27.4770


 235.7600, 10.0840,
15.4920

 91.6180, 43.1390,
27.6750

 253.2390, 0.8250,
1.5690

 65.2480, 41.3050,
27.8730

 37.0570, 40.5250,
30.9970

 23.4810, 33.0990,
22.4030

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 171.7820, 48.5490,
28.7490

■ 171.7820, 48.5490,
28.7490

■ 155.7560, 60.6060,
36.0140

■ 187.8080, 36.4920,
21.4840

■ 140.3170, 72.3880,
42.7560

■ 203.2470, 24.7100,
14.7420

■ 124.2910, 84.4450,
50.0210

■ 219.2730, 12.6530,
7.4770

■ 108.8520, 96.2270,
56.7630

■ 234.7120, 0.8710,
0.7350

■ 92.8260, 108.2840,
64.0280

■ 248.9770,
-10.3610, -4.9610

■ 78.2020, 119.1490,
70.8690

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



173.4280, 23.4230, 32.5670



171.7820, 48.5490, 28.7490



170.1400, 58.6840, 15.7720

Triad

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



171.7820, 48.5490, 28.7490



161.7190, 7.0200, -28.1160



145.7370, -97.7020, -13.4940

Complementary

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



171.7820, 48.5490, 28.7490



204.2180, -48.5490, -28.7490

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.



132.6660, -117.2760, -33.2120



171.7820, 48.5490, 28.7490



155.8640, -30.1170, -32.3970

Square

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



171.7820, 48.5490, 28.7490



165.4840, 35.9030, -17.4170



144.9850, -75.8740, -34.6420



163.3180, -53.1410, 10.4350

Rectangle

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



171.7820, 48.5490, 28.7490



169.0930, 56.8980, 4.0820



144.9850, -75.8740, -34.6420



132.9570, -122.2290, -26.0450

Sweetspot

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



171.7820, 48.5490, 28.7490



234.2950, 15.5870, 9.3710



171.5750, 10.3080, 44.4840



115.9520, 9.1230, 5.3710



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.



171.7820, 48.5490, 28.7490



171.3650, 63.2650, 37.3850



181.0310, 51.4410, 9.3690



109.6310, 5.5930, 3.2650



59.9330, 91.5050, 54.2330



17.8560, 27.3690, 16.1130

Inverse Universe

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



171.7820, 48.5490, 28.7490



171.3650, 63.2650, 37.3850



194.9690, -51.4410, -9.3690



109.6310, 5.5930, 3.2650



59.9330, 91.5050, 54.2330



17.8560, 27.3690, 16.1130

Previews

White Background



This preview shows how the YIQ color 171.7820, 48.5490, 28.7490 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 171.7820, 48.5490, 28.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

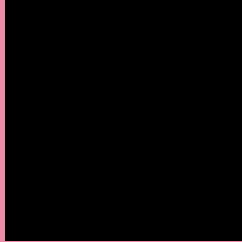
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.7820, 48.5490, 28.7490

Background



This preview shows how black text looks on a background with the YIQ color 171.7820, 48.5490, 28.7490.



This preview shows how white text looks on a background with the YIQ color 171.7820, 48.5490,

28.7490.

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

171.7820, 48.5490, 28.7490

Protanopia

169.7100, -4.8150, 4.6650

Deuteranopia

170.1760, 14.3040, 5.0880



Tritanopia

171.0610, 51.8970, 23.1370

Trichromacy



Original Color

171.7820, 48.5490, 28.7490

Protanomaly

170.6310, 14.7610, 13.3290

Deuteranomaly

170.9760, 26.9110, 13.3990

Tritanomaly

171.0440, 50.5670, 25.2150

Monochromacy



Original Color

171.7820, 48.5490, 28.7490

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.6050, 17.6500, 10.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.7820, 48.5490, 28.7490 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(236, 140, 167)` looks like.

```
.text, #text, p{  
    color:rgb(236, 140, 167)  
}
```

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(236, 140, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 140, 167) }
```

Border

The CSS property to change the border of an element to YIQ 171.7820, 48.5490, 28.7490 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(236, 140, 167) }
```


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

```
.border{ border-color:rgb(236, 140, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 140, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 140, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 140, 167);  
box-shadow:4px 4px 4px 4px rgb(236, 140,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 171.7820, 48.5490, 28.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 140, 167) }
```

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

```
.background{ background-color: rgb(236,  
140, 167) }
```

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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