

Converting Colors

YIQ(164.3210, 48.2290, 23.5330)

Have a look what the booklet for
YIQ(164.3210, 48.2290, 23.5330)
contains.

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Color

**YIQ(164.3210, 48.2290,
23.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	E18897
RGB	225, 136, 151
RGB Percent	88%, 53%, 59%
CMY	0.1174, 0.4668, 0.4077
CMYK	0.00, 0.40, 0.33, 0.12
HSL	350°, 60%, 71%
HSV	350°, 40%, 88%
XYZ	45.4575, 35.8503, 33.8216
YIQ	164.3210, 48.2290, 23.5330

Conversions

Conversions Part 2

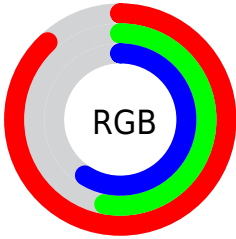
Format	Color
R_{YB}	225, 136, 151
Decimal	14780567
CIE _{Lab}	66.41, 35.82, 6.63
CIE _{LCh}	66, 36.427, 10.486
Yxy	35.8503, 0.3948, 0.3114
Android (android.graphics.Color)	4292970647 (0xFFE18897)
YUV	164.3210, -6.5673, 53.2155
Hunter-Lab	59.8751, 30.7366, 8.4215

Details

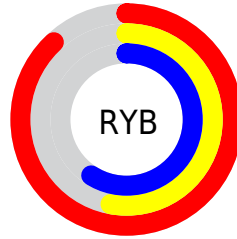
The YIQ color **164.3210, 48.2290, 23.5330** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **196.6790, -48.2290, -23.5330**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.1450, 33.9250, 18.4450**, and **110.6410, 44.3320, 22.5720** is the 20% darker color. If you saturate the color by 10%, you get **148.6540, 60.6530, 29.6530**, and if you desaturate by 10%, it is **179.4010, 36.0800, 17.9360**.

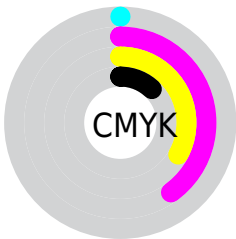
Distribution



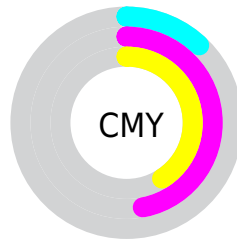
- Red (88%)
- Green (53%)
- Blue (59%)



- Red (88%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.3210, 48.2290, 23.5330 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 164.3210, 48.2290, 23.5330 by changing the saturation by 10% instead.


 164.3210, 48.2290,
23.5330


 164.3210, 48.2290,
23.5330


255.0000, -0.0000,
-0.0000


 137.4240, 46.4410,
22.8970


 211.1450, 33.9250,
18.4450


 110.6410, 44.3320,
22.5720


 231.3600, 16.9620,
11.9860

 84.8580, 42.2230,
22.2470

 250.8910, 1.9250,
3.6610

 59.6020, 40.0680,
22.7560

 32.6990, 38.4170,
25.1450

 18.9660, 32.8710,
15.5190

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 164.3210, 48.2290,
23.5330

■ 164.3210, 48.2290,
23.5330

■ 148.6540, 60.6530,
29.6530

■ 179.4010, 36.0800,
17.9360

■ 133.6880, 72.4810,
35.5610

■ 194.9540, 23.9770,
11.5050

■ 118.0210, 84.9050,
41.6810

■ 210.0340, 11.8280,
5.9080

■ 102.9410, 97.0540,
47.2780

■ 225.7010, -0.5960,
-0.2120

■ 87.3880, 109.1570,
53.7090

■ 240.7810,
-12.7450, -5.8090

■ 72.3080, 121.3060,
59.3060

■ 246.0300,
-17.8800, -6.3600

■ 71.6070, 121.9020,
59.5180

Harmonies

Analogous

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



165.9570, 29.0630, 29.4710



164.3210, 48.2290, 23.5330



162.6400, 54.1000, 10.7400

Triad

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



164.3210, 48.2290, 23.5330



154.2820, -1.8750, -26.6030



148.1100, -73.5870, -4.4910

Complementary

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



164.3210, 48.2290, 23.5330



196.6790, -48.2290, -23.5330

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.



132.1240, -103.7060, -25.8340



164.3210, 48.2290, 23.5330



148.1500, -36.6740, -29.2020

Square

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



164.3210, 48.2290, 23.5330



158.0530, 26.8710, -18.9290



138.7340, -76.4250, -30.1610



160.0380, -37.5530, 14.2790

Rectangle

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



164.3210, 48.2290, 23.5330



161.3370, 50.1590, -0.4410



138.7340, -76.4250, -30.1610



142.8480, -84.7730, -11.0210

Sweetspot

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



164.3210, 48.2290, 23.5330



233.9530, 16.5500, 8.4380



167.9730, 14.9390, 43.1550



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.



164.3210, 48.2290, 23.5330



171.7580, 66.2920, 32.0840



179.0470, 45.3440, 4.2240



104.5170, 5.9140, 2.9540



56.0440, 95.2660, 46.6420



15.2640, 26.0400, 12.6640

Inverse Universe

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



164.3210, 48.2290, 23.5330



171.7580, 66.2920, 32.0840



181.9530, -45.3440, -4.2240



104.5170, 5.9140, 2.9540



56.0440, 95.2660, 46.6420



15.2640, 26.0400, 12.6640

Previews

White Background



This preview shows how the YIQ color 164.3210, 48.2290, 23.5330 looks on a white background.

Color Contrast Check

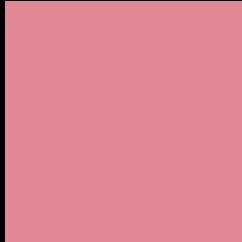
Large Text (above 18pt) WCAG AA × Fail

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 164.3210, 48.2290, 23.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

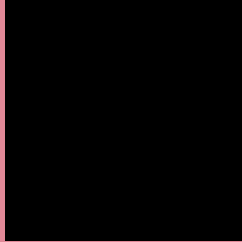
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.3210, 48.2290, 23.5330

Background



This preview shows how black text looks on a background with the YIQ color 164.3210, 48.2290, 23.5330.



This preview shows how white text looks on a background with the YIQ color 164.3210, 48.2290,

23.5330.

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

164.3210, 48.2290, 23.5330

Protanopia

162.3530, 0.5040, 1.8800

Deuteranopia

163.0470, 18.9810, 2.9250



Tritanopia

164.4520, 49.2380, 21.7660

Trichromacy



Original Color

164.3210, 48.2290, 23.5330

Protanomaly

163.0780, 17.6960, 9.6960

Deuteranomaly

163.5370, 29.5250, 10.0770

Tritanomaly

164.5660, 48.9170, 22.0770

Monochromacy



Original Color

164.3210, 48.2290, 23.5330

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.1380, 17.4670, 8.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.3210, 48.2290, 23.5330 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(225, 136, 151)` looks like.

```
.text, #text, p{  
    color:rgb(225, 136, 151)  
}
```

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(225, 136, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 136, 151) }
```

Border

The CSS property to change the border of an element to YIQ 164.3210, 48.2290, 23.5330 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(225, 136, 151) }
```


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

```
.border{ border-color:rgb(225, 136, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 136, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 136, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 136, 151);  
box-shadow:4px 4px 4px 4px rgb(225, 136,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 164.3210, 48.2290, 23.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 136, 151) }
```

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

```
.background{ background-color: rgb(225,  
136, 151) }
```

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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