

Converting Colors

YIQ(171.6210, 47.0840, 16.7480)

Have a look what the booklet for
YIQ(171.6210, 47.0840, 16.7480)
contains.

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Color

**YIQ(171.6210, 47.0840,
16.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	E39494
RGB	227, 148, 148
RGB Percent	89%, 58%, 58%
CMY	0.1096, 0.4197, 0.4194
CMYK	0.00, 0.35, 0.35, 0.11
HSL	360°, 59%, 74%
HSV	360°, 35%, 89%
XYZ	47.6274, 39.6477, 33.1793
YIQ	171.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

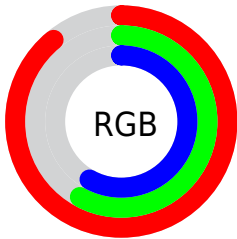
Format	Color
R _{YB}	227, 148, 148
Decimal	14914708
CIE Lab	69.22, 29.82, 12.34
CIE LCh	69, 32.274, 22.483
Yxy	39.6477, 0.3954, 0.3292
Android (android.graphics.Color)	4293104788 (0xFFE39494)
YUV	171.6210, -11.6452, 48.5674
Hunter-Lab	62.9664, 24.8251, 12.8345

Details

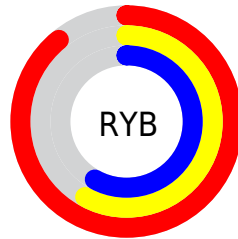
The YIQ color **171.6210, 47.0840, 16.7480** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **203.3790, -47.0840, -16.7480**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.4340, 31.3130, 10.7130**, and **117.9410, 43.1870, 15.7870** is the 20% darker color. If you saturate the color by 10%, you get **155.4980, 60.7920, 21.6240**, and if you desaturate by 10%, it is **187.7440, 33.3760, 11.8720**.

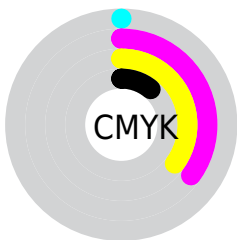
Distribution



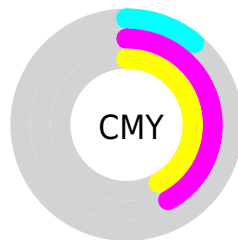
- Red (89%)
- Green (58%)
- Blue (58%)



- Red (89%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.6210, 47.0840, 16.7480 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 171.6210, 47.0840, 16.7480 by changing the saturation by 10% instead.


 171.6210, 47.0840,
16.7480


 171.6210, 47.0840,
16.7480


255.0000, -0.0000,
-0.0000


 144.7240, 45.2960,
16.1120


 218.4340, 31.3130,
10.7130


 118.2400, 43.7830,
15.9990

 238.0620, 14.6250,
4.7770

 93.1580, 41.0780,
15.4620

 68.0760, 38.3730,
14.9250

 43.8200, 36.2180,
15.4340

 19.1080, 35.3470,
14.6990

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 171.6210, 47.0840,
16.7480

■ 171.6210, 47.0840,
16.7480

■ 155.4980, 60.7920,
21.6240

■ 187.7440, 33.3760,
11.8720

■ 140.0760, 73.9040,
26.2880

■ 203.1660, 20.2640,
7.2080

■ 123.9530, 87.6120,
31.1640

■ 219.2890, 6.5560,
2.3320

■ 107.8300,
101.3200, 36.0400

■ 235.4120, -7.1520,
-2.5440

■ 91.8210, 114.7070,
41.2270

■ 246.6280,
-16.6880, -5.9360

■ 76.2850, 128.1400,
45.5800

■ 67.8730, 135.2920,
48.1240

Harmonies

Analogous

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



173.2470, 33.8780, 24.8060



171.6210, 47.0840, 16.7480



170.0040, 46.9030, 3.5030

Triad

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



171.6210, 47.0840, 16.7480



161.0620, -12.8790, -25.4150



163.1840, -50.0680, 4.3000

Complementary

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



171.6210, 47.0840, 16.7480



203.3790, -47.0840, -16.7480

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.



154.2640, -71.3850, -11.3610



171.6210, 47.0840, 16.7480



156.1370, -43.8270, -26.2190

Square

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



171.6210, 47.0840, 16.7480



164.7680, 14.4920, -20.3560



151.4840, -69.5490, -22.6130



170.4270, -19.5350, 18.1370

Rectangle

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



171.6210, 47.0840, 16.7480



168.4990, 40.7150, -5.5010



151.4840, -69.5490, -22.6130



160.2320, -59.1910, -1.0710

Sweetspot

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



171.6210, 47.0840, 16.7480



237.4750, 14.9000, 5.3000



180.3280, 21.1290, 41.1050



116.7840, 9.5360, 3.3920



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.



171.6210, 47.0840, 16.7480



179.9930, 63.7720, 22.6840



193.9270, 36.6340, -3.1260



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Inverse Universe

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



171.6210, 47.0840, 16.7480



179.9930, 63.7720, 22.6840



181.0730, -36.6340, 3.1260



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Previews

White Background



This preview shows how the YIQ color 171.6210, 47.0840, 16.7480 looks on a white background.

Color Contrast Check

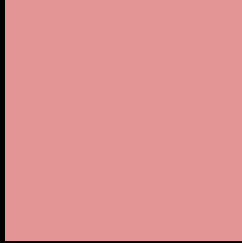
Large Text (above 18pt) WCAG AA × Fail

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 171.6210, 47.0840, 16.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

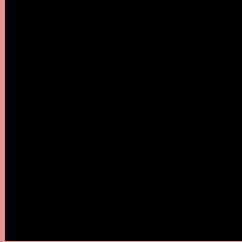
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.6210, 47.0840, 16.7480

Background



This preview shows how black text looks on a background with the YIQ color 171.6210, 47.0840, 16.7480.



This preview shows how white text looks on a background with the YIQ color 171.6210, 47.0840,

16.7480.

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

171.6210, 47.0840, 16.7480

Protanopia

169.6540, 6.7860, -1.8380

Deuteranopia

170.2170, 24.2540, 0.9740



Tritanopia

171.8860, 45.0200, 21.1160

Trichromacy



Original Color

171.6210, 47.0840, 16.7480

Protanomaly

170.1830, 21.5940, 5.1300

Deuteranomaly

170.9840, 32.4600, 6.4440

Tritanomaly

172.0170, 46.0290, 19.3490

Monochromacy



Original Color

171.6210, 47.0840, 16.7480

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.6710, 17.2840, 6.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.6210, 47.0840, 16.7480 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, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(227, 148, 148)  
}
```

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, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 148, 148) }
```

Border

The CSS property to change the border of an element to YIQ 171.6210, 47.0840, 16.7480 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, 148, 148) }
```


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

```
.border{ border-color:rgb(227, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(227, 148,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 171.6210, 47.0840, 16.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 148, 148) }
```

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

```
.background{ background-color: rgb(227,  
148, 148) }
```

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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