

Converting Colors

YIQ(181.6470, 44.1950, 19.5470)

Have a look what the booklet for
YIQ(181.6470, 44.1950, 19.5470)
contains.

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Color

**YIQ(181.6470, 44.1950,
19.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9DA6
RGB	236, 157, 166
RGB Percent	93%, 62%, 65%
CMY	0.0743, 0.3844, 0.3488
CMYK	0.00, 0.34, 0.30, 0.07
HSL	353°, 68%, 77%
HSV	353°, 34%, 93%
XYZ	53.5467, 44.6988, 41.9026
YIQ	181.6470, 44.1950, 19.5470

Conversions

Conversions Part 2

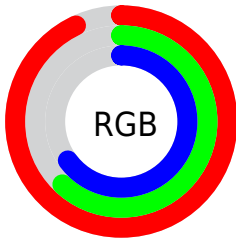
Format	Color
R _Y B	236, 157, 166
Decimal	15506854
CIE Lab	72.69, 30.66, 7.44
CIE LCh	73, 31.547, 13.648
Yxy	44.6988, 0.3821, 0.3189
Android (android.graphics.Color)	4293696934 (0xFFEC9DA6)
YUV	181.6470, -7.7140, 47.6676
Hunter-Lab	66.8571, 25.9628, 9.6401

Details

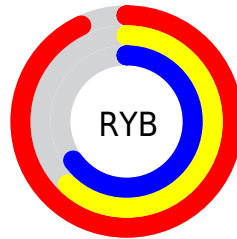
The YIQ color **181.6470, 44.1950, 19.5470** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **211.3530, -44.1950, -19.5470**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.8830, 22.7390, 11.9150**, and **127.8530, 40.6190, 18.2750** is the 20% darker color. If you saturate the color by 10%, you get **165.1650, 57.5360, 25.5680**, and if you desaturate by 10%, it is **198.1290, 30.8540, 13.5260**.

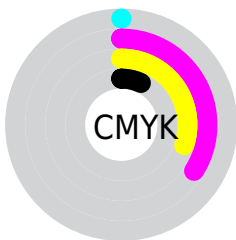
Distribution



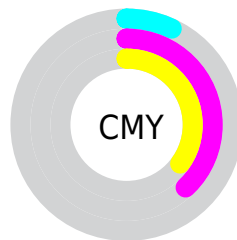
- Red (93%)
- Green (62%)
- Blue (65%)



- Red (93%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.6470, 44.1950, 19.5470 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 181.6470, 44.1950, 19.5470 by changing the saturation by 10% instead.

 181.6470, 44.1950,
19.5470


 181.6470, 44.1950,
19.5470


255.0000, -0.0000,
-0.0000


 154.1630, 42.6820,
19.4340


 225.8830, 22.7390,
11.9150


 127.8530, 40.6190,
18.2750

 246.2120, 5.4550,
5.7670

 102.3690, 39.1060,
18.1620

 76.5860, 36.9970,
17.8370

 52.8030, 34.8880,
17.5120

 27.4870, 32.9620,
19.3780

 14.3520, 28.6080,

10.1760

■ 0.0000, 0.0000,
0.0000

■ 181.6470, 44.1950,
19.5470

■ 181.6470, 44.1950,
19.5470

■ 165.1650, 57.5360,
25.5680

■ 198.1290, 30.8540,
13.5260

■ 149.2700, 70.6020,
31.0660

■ 214.0240, 17.7880,
8.0280

■ 132.7880, 83.9430,
37.0870

■ 230.5060, 4.4470,
2.0070

■ 116.8930, 97.0090,
42.5850

■ 246.4010, -8.6190,
-3.4910

■ 100.5250,
110.0290, 48.9170

■ 249.3190,
-11.3240, -4.0280

■ 84.0430, 123.3700,
54.9380

■ 73.6420, 131.9890,
58.4290

Harmonies

Analogous

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



182.8380, 27.7800, 25.1880



181.6470, 44.1950, 19.5470



180.1230, 48.1860, 7.7860

Triad

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



181.6470, 44.1950, 19.5470



171.6070, -4.1680, -23.5920



170.7270, -56.2110, -0.0110

Complementary

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



181.6470, 44.1950, 19.5470



211.3530, -44.1950, -19.5470

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.



163.4550, -70.6050, -14.4850



181.6470, 44.1950, 19.5470



167.2260, -33.8320, -25.6400

Square

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



181.6470, 44.1950, 19.5470



175.4700, 21.3230, -17.5010



162.8610, -60.4250, -22.7690



178.4150, -28.4290, 14.1230

Rectangle

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



181.6470, 44.1950, 19.5470



178.8740, 44.1530, -1.7270



162.8610, -60.4250, -22.7690



167.8570, -62.6290, -4.8450

Sweetspot

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



181.6470, 44.1950, 19.5470



237.7030, 14.2580, 5.9220



186.9360, 16.3610, 39.4090



117.0120, 8.8940, 4.0140



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.



181.6470, 44.1950, 19.5470



184.8660, 56.9400, 25.3560



198.2310, 38.8340, 1.0580



109.4030, 6.2350, 2.6430



56.5130, 101.1350, 44.9030



16.8300, 30.2580, 13.3140

Inverse Universe

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



181.6470, 44.1950, 19.5470



184.8660, 56.9400, 25.3560



194.7690, -38.8340, -1.0580



109.4030, 6.2350, 2.6430



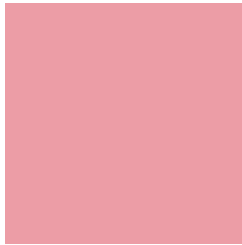
56.5130, 101.1350, 44.9030



16.8300, 30.2580, 13.3140

Previews

White Background



This preview shows how the YIQ color 181.6470, 44.1950, 19.5470 looks on a white background.

Color Contrast Check

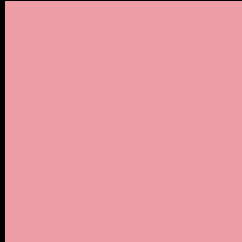
Large Text (above 18pt) WCAG AA × Fail

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 181.6470, 44.1950, 19.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

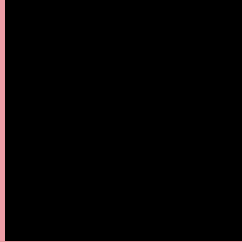
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.6470, 44.1950, 19.5470

Background



This preview shows how black text looks on a background with the YIQ color 181.6470, 44.1950, 19.5470.



This preview shows how white text looks on a background with the YIQ color 181.6470, 44.1950,

19.5470.

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

181.6470, 44.1950, 19.5470

Protanopia

179.1960, 2.3840, 0.8480

Deuteranopia

179.9440, 20.7690, 3.5610



Tritanopia

181.8750, 43.5530, 20.1690

Trichromacy



Original Color

181.6470, 44.1950, 19.5470

Protanomaly

180.0240, 17.7880, 8.0280

Deuteranomaly

180.7110, 28.9750, 9.0310

Tritanomaly

181.7610, 43.8740, 19.8580

Monochromacy



Original Color

181.6470, 44.1950, 19.5470

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.0130, 16.3210, 7.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.6470, 44.1950, 19.5470 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, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(236, 157, 166)  
}
```

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, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 157, 166) }
```

Border

The CSS property to change the border of an element to YIQ 181.6470, 44.1950, 19.5470 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, 157, 166) }
```


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

```
.border{ border-color:rgb(236, 157, 166) }
```

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

Here you see how a box with a 4 pixel rgb(236, 157, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(236, 157,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 181.6470, 44.1950, 19.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 157, 166) }
```

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

```
.background{ background-color: rgb(236,  
157, 166) }
```

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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