

Converting Colors

YIQ(221.9610, 4.9040, 10.2480)

Have a look what the booklet for
YIQ(221.9610, 4.9040, 10.2480)
contains.

YIQ(221.9610, 4.9040, 10.2480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(221.9610, 4.9040,
10.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D6EA
RGB	233, 214, 234
RGB Percent	91%, 84%, 92%
CMY	0.0862, 0.1608, 0.0823
CMYK	0.00, 0.09, 0.00, 0.08
HSL	297°, 32%, 88%
HSV	297°, 9%, 92%
XYZ	72.5051, 71.3558, 87.7943
YIQ	221.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

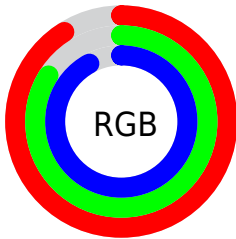
Format	Color
R _Y B	233, 214, 234
Decimal	15324906
CIE Lab	87.66, 10.06, -7.43
CIE LCh	88, 12.504, 323.539
Yxy	71.3558, 0.3130, 0.3080
Android (android.graphics.Color)	4293514986 (0xFFE9D6EA)
YUV	221.9610, 5.9352, 9.6812
Hunter-Lab	84.4724, 5.3850, -2.4910

Details

The YIQ color $221.9610, 4.9040, 10.2480$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.0390, -4.9040, -10.2480$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.5480, 4.6290, 9.7250$ is the 20% darker color. If you saturate the color by 10%, you get $208.1610, 10.6330, 22.0650$, and if you desaturate by 10%, it is $235.7610, -0.8250, -1.5690$.

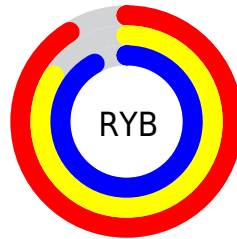
Distribution



Red (91%)

Green (84%)

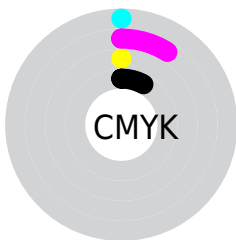
Blue (92%)



Red (91%)

Yellow (84%)

Blue (92%)

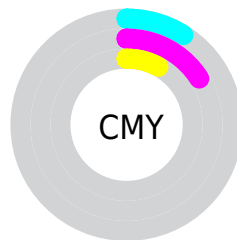


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.9610, 4.9040, 10.2480 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 221.9610, 4.9040, 10.2480 by changing the saturation by 10% instead.

221.9610, 4.9040,
10.2480

221.9610, 4.9040,
10.2480

255.0000, -0.0000,
-0.0000

193.9610, 4.9040,
10.2480

166.5480, 4.6290,
9.7250

140.5480, 4.6290,
9.7250

115.1350, 4.3540,
9.2020

90.7220, 4.0790,
8.6790

66.7220, 4.0790,
8.6790

44.8960, 3.5290,

7.6330

■ 23.5970, 2.9330,
7.4210

■ 0.9120, -2.5680,
2.4880

■ 221.9610, 4.9040,
10.2480

■ 221.9610, 4.9040,
10.2480

■ 208.1610, 10.6330,
22.0650

■ 235.7610, -0.8250,
-1.5690

■ 193.7740, 16.6370,
34.4050

■ 246.6260, -5.1790,
-10.7710

■ 179.9740, 22.3660,
46.2220

■ 246.9250, -4.5830,
-10.5590

■ 165.2880, 27.7740,
58.3500

■ 247.5230, -3.3910,
-10.1350

151.4880, 33.5030,
70.1670

247.8220, -2.7950,
-9.9230

137.6880, 39.2320,
81.9840

248.1210, -2.1990,
-9.7110

123.3010, 45.2360,
94.3240

248.4200, -1.6030,
-9.4990

109.5010, 50.9650,
106.1410

248.7190, -1.0070,
-9.2870

95.1140, 56.9690,
118.4810

249.0180, -0.4110,
-9.0750

Harmonies

Analogous

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



220.9210, -6.7870, 7.3650



221.9610, 4.9040, 10.2480



222.5230, 14.9450, 9.9930

Triad

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



221.9610, 4.9040, 10.2480



219.6780, 15.4060, -3.8740



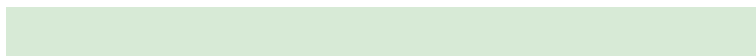
216.1650, -22.6940, -7.2220

Complementary

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



221.9610, 4.9040, 10.2480



226.0390, -4.9040, -10.2480

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.



216.2920, -15.8620, -9.8940



221.9610, 4.9040, 10.2480



218.3670, 5.9160, -8.1000

Square

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



221.9610, 4.9040, 10.2480



220.8900, 20.8610, 1.8930



217.0390, -4.9040, -10.2480



217.2130, -22.6490, -2.5290

Rectangle

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



221.9610, 4.9040, 10.2480



222.2090, 18.7050, 7.9290



217.0390, -4.9040, -10.2480



216.0080, -20.8140, -8.2540

Sweetspot

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



221.9610, 4.9040, 10.2480



250.3040, 2.2000, 4.1840



216.8670, -6.6950, 5.6970



124.1790, 1.0540, 2.9260



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.



221.9610, 4.9040, 10.2480



240.0260, 6.2790, 12.8630



221.2340, 8.3890, 7.6610



110.5430, 3.0250, 5.7530



72.0620, 44.4110, 92.7550



21.4050, 13.0620, 27.6060

Inverse Universe

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



220.0940, 11.5990, 4.5510



237.5890, 14.5790, 5.6110



226.7660, -8.3890, -7.6610



109.2890, 6.5560, 2.3320



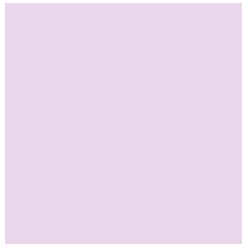
55.1450, 104.9870, 41.1710



16.4880, 31.2210, 12.3810

Previews

White Background



This preview shows how the YIQ color 221.9610, 4.9040, 10.2480 looks on a white background.

Color Contrast Check

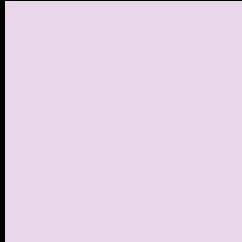
Large Text (above 18pt) WCAG AA × Fail

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 221.9610, 4.9040, 10.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

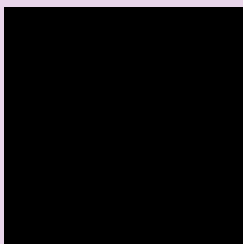
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.9610, 4.9040, 10.2480

Background



This preview shows how black text looks on a background with the YIQ color 221.9610, 4.9040, 10.2480.



This preview shows how white text looks on a background with the YIQ color 221.9610, 4.9040,

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

221.9610, 4.9040, 10.2480

Protanopia

220.4650, -5.5030, 6.1210

Deuteranopia

221.9720, 6.3710, 11.1950



Tritanopia

221.6190, 5.8670, 9.3150

Trichromacy



Original Color

221.9610, 4.9040, 10.2480

Protanomaly

221.2590, -1.9270, 7.3930

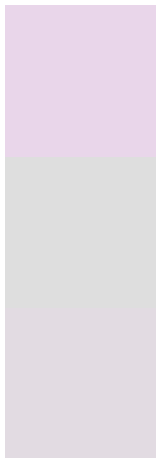
Deuteranomaly

221.6730, 5.7750, 10.9830

Tritanomaly

221.7330, 5.5460, 9.6260

Monochromacy



Original Color

221.9610, 4.9040, 10.2480

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.9610, 4.9040, 10.2480 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(233, 214, 234)` looks like.

```
.text, #text, p{  
    color:rgb(233, 214, 234)  
}
```

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(233, 214, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 214, 234) }
```

Border

The CSS property to change the border of an element to YIQ 221.9610, 4.9040, 10.2480 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(233, 214, 234) }
```


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

```
.border{ border-color:rgb(233, 214, 234) }
```

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

Here you see how a box with a 4 pixel rgb(233, 214, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 214, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 214, 234);  
box-shadow:4px 4px 4px 4px rgb(233, 214,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 221.9610, 4.9040, 10.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 214, 234) }
```

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

```
.background{ background-color: rgb(233,  
214, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor