

Converting Colors

YIQ(210.8940, 7.0110, 21.6270)

Have a look what the booklet for
YIQ(210.8940, 7.0110, 21.6270)
contains.

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Color

**YIQ(210.8940, 7.0110,
21.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C3F0
RGB	231, 195, 240
RGB Percent	91%, 76%, 94%
CMY	0.0940, 0.2353, 0.0588
CMYK	0.04, 0.19, 0.00, 0.06
HSL	288°, 60%, 85%
HSV	288°, 19%, 94%
XYZ	68.2040, 62.3084, 90.8687
YIQ	210.8940, 7.0110, 21.6270

Conversions

Conversions Part 2

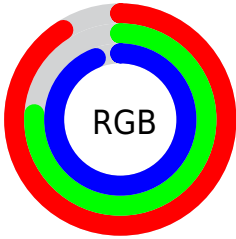
Format	Color
R _Y B	231, 195, 240
Decimal	15188976
CIE Lab	83.08, 20.58, -17.48
CIE LCh	83, 27.000, 319.665
Yxy	62.3084, 0.3081, 0.2815
Android (android.graphics.Color)	4293379056 (0xFFE7C3F0)
YUV	210.8940, 14.3493, 17.6330
Hunter-Lab	78.9357, 16.0947, -12.9981

Details

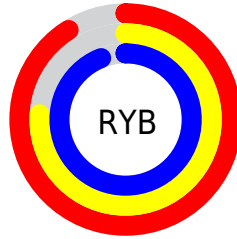
The YIQ color $210.8940, 7.0110, 21.6270$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $224.1060, -7.0110, -21.6270$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $156.0680, 6.4610, 20.5810$ is the 20% darker color. If you saturate the color by 10%, you get $195.3110, 10.6310, 33.1190$, and if you desaturate by 10%, it is $226.4770, 3.3910, 10.1350$.

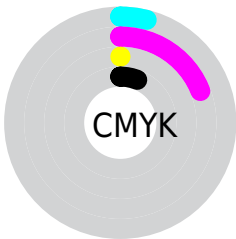
Distribution



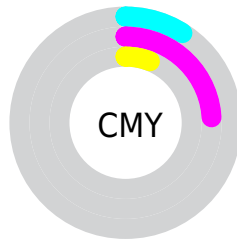
- Red (91%)
- Green (76%)
- Blue (94%)



- Red (91%)
- Yellow (76%)
- Blue (94%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.8940, 7.0110, 21.6270 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 210.8940, 7.0110, 21.6270 by changing the saturation by 10% instead.

210.8940, 7.0110,
21.6270

210.8940, 7.0110,
21.6270

255.0000, -0.0000,
-0.0000

183.4810, 6.7360,
21.1040

253.2390, 0.8250,
1.5690

156.0680, 6.4610,
20.5810

129.6550, 6.1860,
20.0580

104.8290, 5.6360,
19.0120

80.4160, 5.3610,
18.4890

56.8890, 5.4070,
17.6550

35.0630, 4.8570,

16.6090

■ 13.1880, 6.0030,
17.8670

■ 2.0690, -4.4480,
3.5200

■ 210.8940, 7.0110,
21.6270

■ 210.8940, 7.0110,
21.6270

■ 195.3110, 10.6310,
33.1190

■ 226.4770, 3.3910,
10.1350

■ 179.7280, 14.2510,
44.6110

■ 242.0600, -0.2290,
-1.3570

■ 164.4440, 18.4670,
56.3150

■ 250.3000, -1.1450,
-6.7850

■ 148.8610, 22.0870,
67.8070

■ 251.7950, 1.8350,
-5.7250

■ 133.2780, 25.7070,
79.2990

■ 253.2900, 4.8150,
-4.6650

■ 117.6950, 29.3270,
90.7910

■ 102.4110, 33.5430,
102.4950

■ 86.8280, 37.1630,
113.9870

■ 84.7680, 37.3920,
115.3440

Harmonies

Analogous

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



207.6180, -18.7550, 15.0130



210.8940, 7.0110, 21.6270



211.0290, 28.5600, 22.0640

Triad

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



210.8940, 7.0110, 21.6270



206.4380, 33.5170, -7.2110



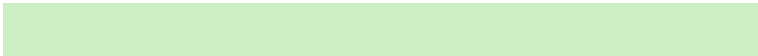
195.5140, -51.8980, -17.6100

Complementary

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



210.8940, 7.0110, 21.6270



224.1060, -7.0110, -21.6270

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.



197.6330, -33.4200, -22.0920



210.8940, 7.0110, 21.6270



204.1750, 14.9040, -16.8080

Square

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



210.8940, 7.0110, 21.6270



208.4920, 42.5930, 4.5210



200.6220, -8.5240, -21.7400



197.4570, -55.7510, -8.3510

Rectangle

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



210.8940, 7.0110, 21.6270



209.8740, 36.1260, 17.1020



200.6220, -8.5240, -21.7400



195.6840, -46.6250, -19.5610

Sweetspot

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



210.8940, 7.0110, 21.6270



245.2980, 2.3370, 7.2090



205.4130, -16.9200, 9.2880



122.1190, 1.2830, 4.2830



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.



210.8940, 7.0110, 21.6270



216.7790, 9.0730, 28.3130



211.9890, 16.8690, 19.1810



112.0590, 1.5120, 5.6400



64.9290, 28.5480, 88.3880



19.8390, 8.8440, 26.9560

Inverse Universe

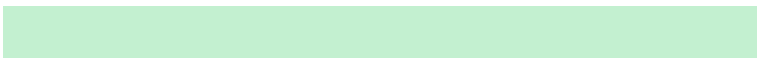
The Inverse Universe completely reimagines the original color for something new.



209.4810, 23.9310, 12.3390



215.0090, 31.3120, 16.2400



222.8970, -16.5480, -19.4920



111.8160, 6.5100, 3.1660



59.2340, 97.7870, 50.5150



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 210.8940, 7.0110, 21.6270 looks on a white background.

Color Contrast Check

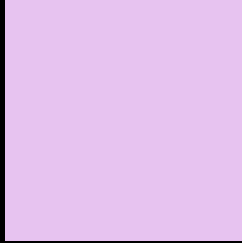
Large Text (above 18pt) WCAG AA × Fail

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 210.8940, 7.0110, 21.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

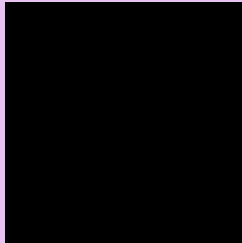
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.8940, 7.0110, 21.6270

Background



This preview shows how black text looks on a background with the YIQ color 210.8940, 7.0110, 21.6270.



This preview shows how white text looks on a background with the YIQ color 210.8940, 7.0110,

21.6270.

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

210.8940, 7.0110, 21.6270

Protanopia

207.6950, -17.6540, 11.5780

Deuteranopia

209.2080, -5.9170, 13.6270



Tritanopia

209.1960, 11.5520, 10.9120

Trichromacy



Original Color

210.8940, 7.0110, 21.6270

Protanomaly

208.5930, -8.4390, 15.2810

Deuteranomaly

209.5400, -0.9200, 16.6800

Tritanomaly

209.9340, 9.5340, 14.4460

Monochromacy



Original Color

210.8940, 7.0110, 21.6270

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.8250, 2.2910, 8.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.8940, 7.0110, 21.6270 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(231, 195, 240)` looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 240)  
}
```

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(231, 195, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 240) }
```

Border

The CSS property to change the border of an element to YIQ 210.8940, 7.0110, 21.6270 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(231, 195, 240) }
```


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

```
.border{ border-color:rgb(231, 195, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 195, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 195, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 195,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 210.8940, 7.0110, 21.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 240) }
```

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

```
.background{ background-color: rgb(231,  
195, 240) }
```

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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