

Converting Colors

YIQ(217.2110, 7.1960, 12.7640)

Have a look what the booklet for
YIQ(217.2110, 7.1960, 12.7640)
contains.

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Color

**YIQ(217.2110, 7.1960,
12.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CFE7
RGB	232, 207, 231
RGB Percent	91%, 81%, 91%
CMY	0.0901, 0.1883, 0.0941
CMYK	0.00, 0.11, 0.00, 0.09
HSL	302°, 35%, 86%
HSV	302°, 11%, 91%
XYZ	70.0193, 67.5492, 84.9511
YIQ	217.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

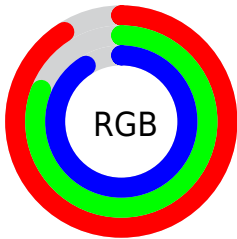
Format	Color
R _Y B	232, 207, 231
Decimal	15257575
CIE Lab	85.78, 12.87, -8.64
CIE LCh	86, 15.495, 326.130
Yxy	67.5492, 0.3147, 0.3036
Android (android.graphics.Color)	4293447655 (0xFFE8CFE7)
YUV	217.2110, 6.7980, 12.9700
Hunter-Lab	82.1883, 8.2412, -3.7512

Details

The YIQ color $217.2110, 7.1960, 12.7640$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $221.7890, -7.1960, -12.7640$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.3850, 6.6460, 11.7180$ is the 20% darker color. If you saturate the color by 10%, you get $203.5960, 13.8420, 24.4820$, and if you desaturate by 10%, it is $230.8260, 0.5500, 1.0460$.

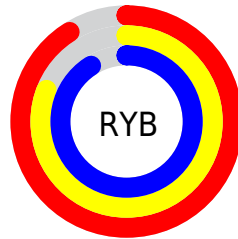
Distribution



Red (91%)

Green (81%)

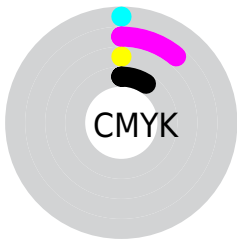
Blue (91%)



Red (91%)

Yellow (81%)

Blue (91%)

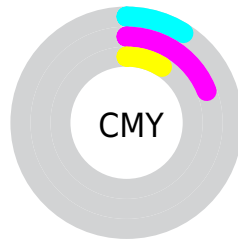


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.2110, 7.1960, 12.7640 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 217.2110, 7.1960, 12.7640 by changing the saturation by 10% instead.

■ 217.2110, 7.1960,
12.7640

■ 217.2110, 7.1960,
12.7640

255.0000, -0.0000,
-0.0000

■ 189.2110, 7.1960,
12.7640

■ 162.3850, 6.6460,
11.7180

■ 136.3850, 6.6460,
11.7180

■ 110.9720, 6.3710,
11.1950

■ 86.5590, 6.0960,
10.6720

■ 63.1460, 5.8210,
10.1490

■ 40.8470, 5.2250,

9.9370

■ 19.8470, 5.2250,
9.9370

■ 0.3420, -0.9630,
0.9330

■ 217.2110, 7.1960,
12.7640

■ 217.2110, 7.1960,
12.7640

■ 203.5960, 13.8420,
24.4820

■ 230.8260, 0.5500,
1.0460

■ 189.9810, 20.4880,
36.2000

■ 244.4410, -6.0960,
-10.6720

■ 175.7790, 27.4090,
48.4410

■ 245.7290, -6.9670,
-11.4070

■ 162.1640, 34.0550,
60.1590

■ 245.8430, -7.2880,
-11.0960

148.5490, 40.7010,
71.8770

245.9570, -7.6090,
-10.7850

134.9340, 47.3470,
83.5950

246.0710, -7.9300,
-10.4740

121.3190, 53.9930,
95.3130

246.1850, -8.2510,
-10.1630

107.1170, 60.9140,
107.5540

246.2990, -8.5720,
-9.8520

94.7900, 66.6890,
118.5370

Harmonies

Analogous

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



215.6160, -7.2460, 10.1780



217.2110, 7.1960, 12.7640



217.7300, 18.7960, 11.7880

Triad

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



217.2110, 7.1960, 12.7640



214.2930, 17.9280, -5.5280



209.7020, -28.7000, -8.5080

Complementary

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



217.2110, 7.1960, 12.7640



221.7890, -7.1960, -12.7640

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.



209.4870, -20.9050, -12.1130



217.2110, 7.1960, 12.7640



212.1990, 6.3290, -10.0790

Square

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



217.2110, 7.1960, 12.7640



215.9290, 25.1250, 1.7090



210.9030, -7.5170, -12.4530



210.6900, -28.4260, -2.4580

Rectangle

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



217.2110, 7.1960, 12.7640



217.4870, 23.7940, 9.3140



210.9030, -7.5170, -12.4530



209.4310, -26.4990, -9.8510

Sweetspot

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



217.2110, 7.1960, 12.7640



250.3040, 2.2000, 4.1840



210.1490, -7.4290, 7.9870



124.3640, 1.9710, 2.8270



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.



217.2110, 7.1960, 12.7640



235.5150, 9.3960, 16.9480



215.8430, 11.0480, 9.0320



107.8420, 3.6210, 5.9650



73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Inverse Universe

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



217.2110, 7.1960, 12.7640



235.5150, 9.3960, 16.9480



223.1570, -11.0480, -9.0320



107.8420, 3.6210, 5.9650



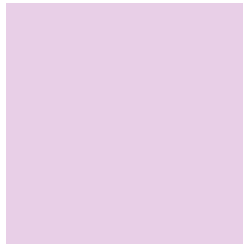
73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Previews

White Background



This preview shows how the YIQ color 217.2110, 7.1960, 12.7640 looks on a white background.

Color Contrast Check

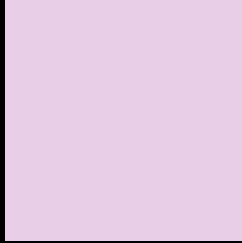
Large Text (above 18pt) WCAG AA × Fail

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 217.2110, 7.1960, 12.7640 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 217.2110, 7.1960, 12.7640

Background



This preview shows how black text looks on a background with the YIQ color 217.2110, 7.1960, 12.7640.



This preview shows how white text looks on a background with the YIQ color 217.2110, 7.1960,

12.7640.

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

217.2110, 7.1960, 12.7640

Protanopia

215.2090, -7.6580, 6.6300

Deuteranopia

216.6020, 4.5370, 11.3930



Tritanopia

216.7010, 8.5720, 9.8520

Trichromacy



Original Color

217.2110, 7.1960, 12.7640

Protanomaly

216.0140, -2.6150, 8.8490

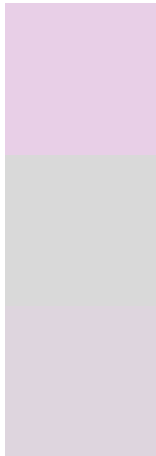
Deuteranomaly

216.9010, 5.1330, 11.6050

Tritanomaly

217.0430, 7.6090, 10.7850

Monochromacy



Original Color

217.2110, 7.1960, 12.7640

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.2110, 7.1960, 12.7640 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(232, 207, 231)` looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 231)  
}
```

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(232, 207, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 231) }
```

Border

The CSS property to change the border of an element to YIQ 217.2110, 7.1960, 12.7640 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(232, 207, 231) }
```


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

```
.border{ border-color:rgb(232, 207, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 207, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 207, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 207, 231);  
box-shadow:4px 4px 4px 4px rgb(232, 207,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 217.2110, 7.1960, 12.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 207, 231) }
```

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

```
.background{ background-color: rgb(232,  
207, 231) }
```

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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