

Converting Colors

YIQ(228.0170, 10.4980, 7.9860)

Have a look what the booklet for
YIQ(228.0170, 10.4980, 7.9860)
contains.

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Color

**YIQ(228.0170, 10.4980,
7.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DCE6
RGB	243, 220, 230
RGB Percent	95%, 86%, 90%
CMY	0.0470, 0.1373, 0.0980
CMYK	0.00, 0.09, 0.05, 0.05
HSL	334°, 49%, 91%
HSV	334°, 9%, 95%
XYZ	76.8423, 75.9524, 85.4795
YIQ	228.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

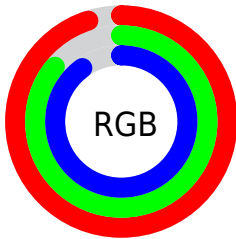
Format	Color
R _Y B	243, 220, 230
Decimal	15981798
CIE Lab	89.84, 9.60, -2.02
CIE LCh	90, 9.806, 348.098
Yxy	75.9524, 0.3225, 0.3188
Android (android.graphics.Color)	4294171878 (0xFFFF3DCE6)
YUV	228.0170, 0.9776, 13.1401
Hunter-Lab	87.1507, 4.8729, 2.8524

Details

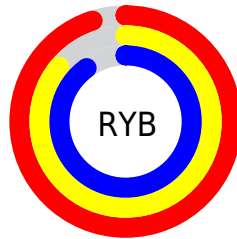
The YIQ color $228.0170, 10.4980, 7.9860$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $234.9830, -10.4980, -7.9860$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.7180, 9.9020, 7.7740$ is the 20% darker color. If you saturate the color by 10%, you get $212.3330, 21.5920, 16.1840$, and if you desaturate by 10%, it is $243.7010, -0.5960, -0.2120$.

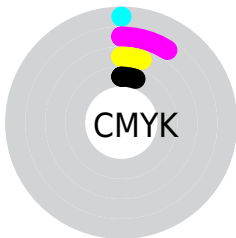
Distribution



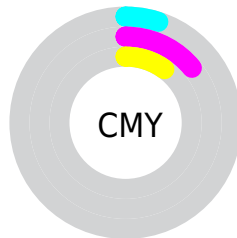
- Red (95%)
- Green (86%)
- Blue (90%)



- Red (95%)
- Yellow (86%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 228.0170, 10.4980, 7.9860 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 228.0170, 10.4980, 7.9860 by changing the saturation by 10% instead.


 228.0170, 10.4980,
7.9860


 228.0170, 10.4980,
7.9860


255.0000, -0.0000,
-0.0000


 200.0170, 10.4980,
7.9860

 172.7180, 9.9020,
7.7740

 146.3050, 9.6270,
7.2510

 120.3050, 9.6270,
7.2510

 95.5930, 8.7560,
6.5160

 71.7070, 8.4350,
6.8270

 48.9950, 7.5640,

6.0920

■ 27.6960, 6.9680,
5.8800

■ 6.2510, 9.7190,
5.5830

■ 228.0170, 10.4980,
7.9860

■ 228.0170, 10.4980,
7.9860

■ 212.3330, 21.5920,
16.1840

■ 243.7010, -0.5960,
-0.2120

■ 196.1760, 32.6400,
25.2160

■ 251.4120, -7.1520,
-2.5440

■ 180.4920, 43.7340,
33.4140

■ 164.8080, 54.8280,
41.6120

■ 148.5370, 66.1970,
50.3330

■ 132.9670, 76.9700,
58.8420

■ 117.2830, 88.0640,
67.0400

■ 101.5990, 99.1580,
75.2380

■ 85.3280, 110.5270,
83.9590

Harmonies

Analogous

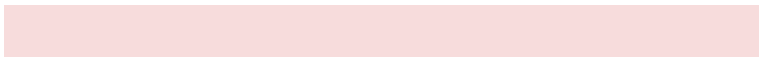
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.7110, 2.6120, 7.7320



228.0170, 10.4980, 7.9860



228.0730, 16.0920, 5.7240

Triad

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



228.0170, 10.4980, 7.9860



225.1330, 6.6950, -5.6970



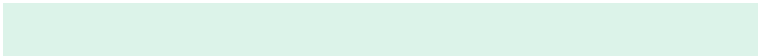
223.5510, -17.7890, -2.5010

Complementary

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



228.0170, 10.4980, 7.9860



234.9830, -10.4980, -7.9860

Split Complementary

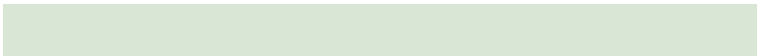
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.2150, -16.9630, -6.4590



228.0170, 10.4980, 7.9860



224.1750, -2.2910, -8.0430

Square

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



228.0170, 10.4980, 7.9860



226.3620, 13.4800, -2.0080



223.0970, -10.8190, -7.6750



225.0400, -14.6720, 1.5840

Rectangle

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



228.0170, 10.4980, 7.9860



227.7910, 16.8260, 3.4340



223.0970, -10.8190, -7.6750



223.3120, -18.6140, -4.0700

Sweetspot

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



228.0170, 10.4980, 7.9860



249.8480, 3.4840, 2.9400



226.5090, 0.3650, 9.9090



124.1360, 2.6130, 2.2050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

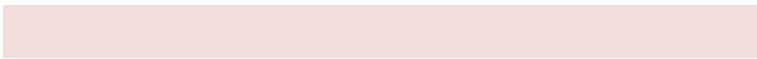
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.0170, 10.4980, 7.9860



236.7400, 12.8360, 9.6680



227.4640, 13.4330, 4.3530



114.1580, 5.5470, 4.0990



64.8480, 84.8550, 64.6230



20.6050, 26.8180, 20.5940

Inverse Universe

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



228.0170, 10.4980, 7.9860



236.7400, 12.8360, 9.6680



235.5360, -13.4330, -4.3530



114.1580, 5.5470, 4.0990



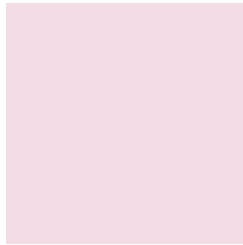
64.8480, 84.8550, 64.6230



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 228.0170, 10.4980, 7.9860 looks on a white background.

Color Contrast Check

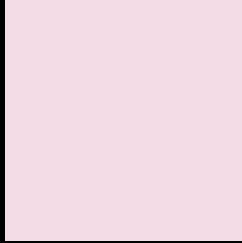
Large Text (above 18pt) WCAG AA × Fail

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 228.0170, 10.4980, 7.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

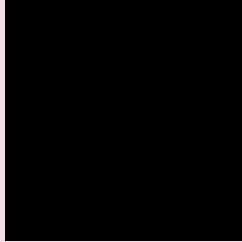
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.0170, 10.4980, 7.9860

Background



This preview shows how black text looks on a background with the YIQ color 228.0170, 10.4980, 7.9860.



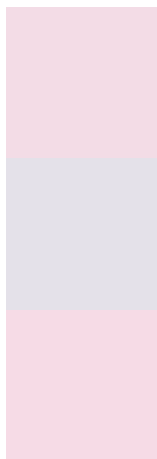
This preview shows how white text looks on a background with the YIQ color 228.0170, 10.4980,

7.9860.

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

228.0170, 10.4980, 7.9860

Protanopia

226.8090, -0.7800, 3.1240

Deuteranopia

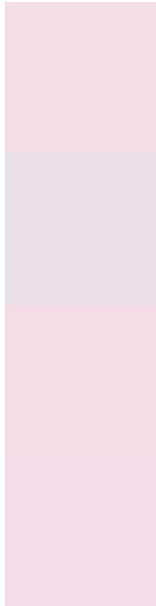
228.3270, 12.5610, 9.1450



Tritanopia

228.4130, 9.4430, 10.5870

Trichromacy



Original Color

228.0170, 10.4980, 7.9860

Protanomaly

227.0160, 3.0710, 4.9190

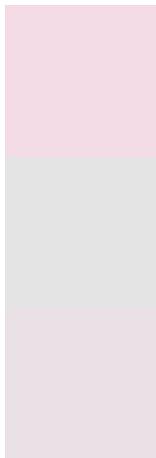
Deuteranomaly

228.0280, 11.9650, 8.9330

Tritanomaly

228.1850, 10.0850, 9.9650

Monochromacy



Original Color

228.0170, 10.4980, 7.9860

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8480, 3.4840, 2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.0170, 10.4980, 7.9860 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(243, 220, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 230)  
}
```

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(243, 220, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 230) }
```

Border

The CSS property to change the border of an element to YIQ 228.0170, 10.4980, 7.9860 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(243, 220, 230) }
```


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

```
.border{ border-color:rgb(243, 220, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 220, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 220, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 220, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 220,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 228.0170, 10.4980, 7.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 220, 230) }
```

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

```
.background{ background-color: rgb(243,  
220, 230) }
```

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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