

Converting Colors

YIQ(228.7300, -7.5670, 10.4890)

Have a look what the booklet for
YIQ(228.7300, -7.5670, 10.4890)
contains.

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Color

**YIQ(228.7300, -7.5670,
10.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E0FF
RGB	228, 224, 255
RGB Percent	89%, 88%, 100%
CMY	0.1058, 0.1216, 0.0000
CMYK	0.11, 0.12, 0.00, 0.00
HSL	248°, 100%, 94%
HSV	248°, 12%, 100%
XYZ	76.7002, 77.0247, 105.4208
YIQ	228.7300, -7.5670, 10.4890

Conversions

Conversions Part 2

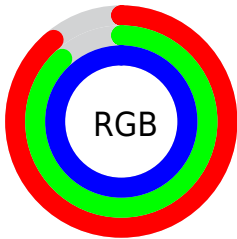
Format	Color
R _Y B	228, 224, 255
Decimal	14999807
CIE Lab	90.33, 7.17, -14.52
CIE LCh	90, 16.199, 296.278
Yxy	77.0247, 0.2960, 0.2972
Android (android.graphics.Color)	4293189887 (0xFFE4E0FF)
YUV	228.7300, 12.9511, -0.6402
Hunter-Lab	87.7637, 2.4117, -9.7839

Details

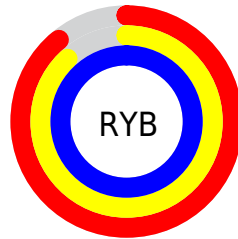
The YIQ color $228.7300, -7.5670, 10.4890$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $250.2700, 7.5670, -10.4890$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.2030, -7.5210, 9.6550$ is the 20% darker color. If you saturate the color by 10%, you get $207.4770, -13.8040, 18.9000$, and if you desaturate by 10%, it is $250.5700, -1.6050, 1.5550$.

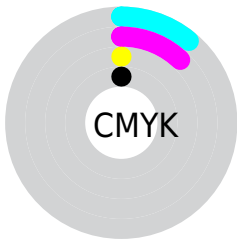
Distribution



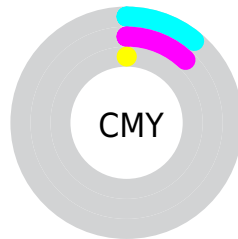
- Red (89%)
- Green (88%)
- Blue (100%)



- Red (89%)
- Yellow (88%)
- Blue (100%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.7300, -7.5670, 10.4890 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 228.7300, -7.5670, 10.4890 by changing the saturation by 10% instead.

■ 228.7300, -7.5670,
10.4890

■ 228.7300, -7.5670,
10.4890

255.0000, -0.0000,
-0.0000

■ 200.6160, -7.2460,
10.1780

■ 173.2030, -7.5210,
9.6550

■ 146.5020, -6.9250,
9.8670

■ 120.9750, -6.8790,
9.0330

■ 95.9750, -6.8790,
9.0330

■ 72.4480, -6.8330,
8.1990

■ 49.3340, -6.5120,

7.8880

■ 28.8070, -6.4660,
7.0540

■ 3.9750, -6.8790,
9.0330

■ 228.7300, -7.5670,
10.4890

■ 228.7300, -7.5670,
10.4890

■ 207.4770,
-13.8040, 18.9000

■ 250.5700, -1.6050,
1.5550

■ 185.6370,
-19.7660, 27.8340

255.0000, -0.0000,
-0.0000

■ 164.0850,
-26.5990, 36.0330

■ 142.2450,
-32.5610, 44.9670

■ 120.9920,
-38.7980, 53.3780

■ 99.1520, -44.7600,
62.3120

■ 77.8990, -50.9970,
70.7230

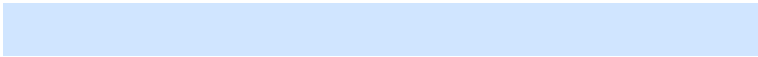
■ 55.7600, -57.5550,
79.4450

■ 38.9370, -62.1870,
86.3010

Harmonies

Analogous

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



225.6850, -20.8620, 3.6340



228.7300, -7.5670, 10.4890



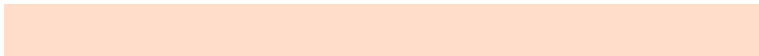
230.0370, 7.7460, 13.8100

Triad

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



228.7300, -7.5670, 10.4890



229.0000, 26.3630, 1.2990



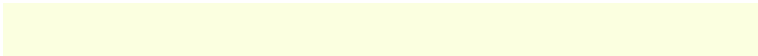
221.8890, -22.0970, -12.5370

Complementary

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



228.7300, -7.5670, 10.4890



250.2700, 7.5670, -10.4890

Split Complementary

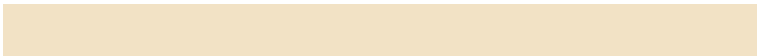
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.1910, -8.3880, -13.1880



228.7300, -7.5670, 10.4890



227.4780, 18.8450, -5.6270

Square

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



228.7300, -7.5670, 10.4890



228.0200, 23.6110, 7.1230



225.5580, 6.6960, -11.2240



222.1040, -29.8920, -8.9320

Rectangle

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



228.7300, -7.5670, 10.4890



230.4140, 16.8700, 13.6540



225.5580, 6.6960, -11.2240



222.4010, -17.7870, -13.5550

Sweetspot

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



228.7300, -7.5670, 10.4890



246.4390, -2.6140, 3.3220



243.3830, -17.3760, -4.4800



122.0970, -1.6510, 2.3890



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.



228.7300, -7.5670, 10.4890



222.8270, -9.2180, 12.8780



233.2150, 1.3730, 13.6690



116.7810, -3.5770, 4.2550



29.2490, -46.4110, 64.7010



9.6880, -15.7760, 21.6000

Inverse Universe

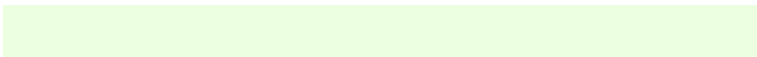
The Inverse Universe completely reimagines the original color for something new.



236.3470, 9.8090, 14.9690



232.1240, 12.0550, 18.3190



245.7850, -1.3730, -13.6690



120.1410, 4.2170, 6.1770



76.1470, 60.2290, 92.4290



25.5200, 20.1680, 30.9840

Previews

White Background



This preview shows how the YIQ color 228.7300, -7.5670, 10.4890 looks on a white background.

Color Contrast Check

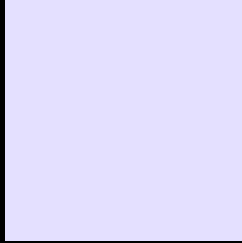
Large Text (above 18pt) WCAG AA × Fail

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 228.7300, -7.5670, 10.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

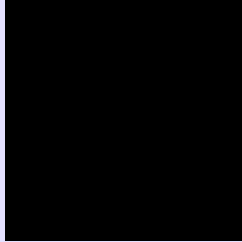
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.7300, -7.5670, 10.4890

Background



This preview shows how black text looks on a background with the YIQ color 228.7300, -7.5670, 10.4890.



This preview shows how white text looks on a background with the YIQ color 228.7300, -7.5670,

10.4890.

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

228.7300, -7.5670, 10.4890

Protanopia

228.4090, -11.0970, 8.3830

Deuteranopia

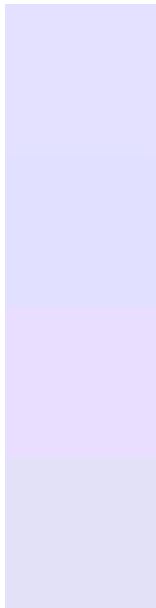
229.3610, -1.9740, 13.7540



Tritanopia

228.0520, -5.7780, 5.5980

Trichromacy



Original Color

228.7300, -7.5670, 10.4890

Protanomaly

228.4200, -9.6300, 9.3300

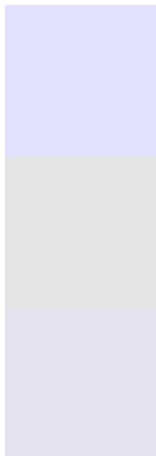
Deuteranomaly

229.0510, -4.0370, 12.5950

Tritanomaly

228.2200, -6.1910, 7.5770

Monochromacy



Original Color

228.7300, -7.5670, 10.4890

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.8520, -2.3390, 3.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.7300, -7.5670, 10.4890 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(228, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 255)  
}
```

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(228, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 255) }
```

Border

The CSS property to change the border of an element to YIQ 228.7300, -7.5670, 10.4890 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(228, 224, 255) }
```


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

```
.border{ border-color:rgb(228, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 228.7300, -7.5670, 10.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 255) }
```

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

```
.background{ background-color: rgb(228,  
224, 255) }
```

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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