

Converting Colors

YIQ(229.0290, -6.9710, 10.7010)

Have a look what the booklet for
YIQ(229.0290, -6.9710, 10.7010)
contains.

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Color

**YIQ(229.0290, -6.9710,
10.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E0FF
RGB	229, 224, 255
RGB Percent	90%, 88%, 100%
CMY	0.1019, 0.1216, 0.0000
CMYK	0.10, 0.12, 0.00, 0.00
HSL	250°, 100%, 94%
HSV	250°, 12%, 100%
XYZ	77.0186, 77.1887, 105.4362
YIQ	229.0290, -6.9710, 10.7010

Conversions

Conversions Part 2

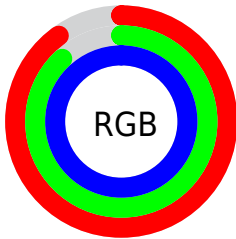
Format	Color
R _Y B	229, 224, 255
Decimal	15065343
CIE Lab	90.41, 7.49, -14.40
CIE LCh	90, 16.235, 297.473
Yxy	77.1887, 0.2966, 0.2973
Android (android.graphics.Color)	4293255423 (0xFFE5E0FF)
YUV	229.0290, 12.8037, -0.0254
Hunter-Lab	87.8571, 2.7295, -9.6532

Details

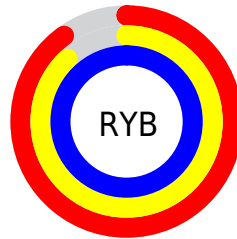
The YIQ color $229.0290, -6.9710, 10.7010$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $249.9710, 6.9710, -10.7010$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.5020, -6.9250, 9.8670$ is the 20% darker color. If you saturate the color by 10%, you get $208.0750, -12.6120, 19.3240$, and if you desaturate by 10%, it is $250.5700, -1.6050, 1.5550$.

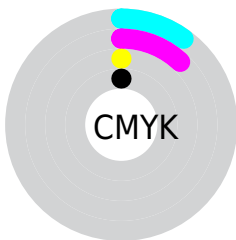
Distribution



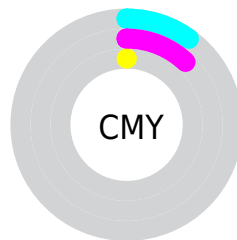
- Red (90%)
- Green (88%)
- Blue (100%)



- Red (90%)
- Yellow (88%)
- Blue (100%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.0290, -6.9710, 10.7010 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 229.0290, -6.9710, 10.7010 by changing the saturation by 10% instead.

■ 229.0290, -6.9710,
10.7010

■ 229.0290, -6.9710,
10.7010

255.0000, -0.0000,
-0.0000

■ 200.9150, -6.6500,
10.3900

■ 173.5020, -6.9250,
9.8670

■ 146.8010, -6.3290,
10.0790

■ 121.2740, -6.2830,
9.2450

■ 96.2740, -6.2830,
9.2450

■ 72.7470, -6.2370,
8.4110

■ 49.6330, -5.9160,

8.1000

■ 28.8070, -6.4660,
7.0540

■ 4.2740, -6.2830,
9.2450

■ 229.0290, -6.9710,
10.7010

■ 229.0290, -6.9710,
10.7010

■ 208.0750,
-12.6120, 19.3240

■ 250.5700, -1.6050,
1.5550

■ 186.2350,
-18.5740, 28.2580

255.0000, -0.0000,
-0.0000

■ 165.2810,
-24.2150, 36.8810

■ 143.4410,
-30.1770, 45.8150

■ 122.4870,
-35.8180, 54.4380

■ 100.9460,
-41.1840, 63.5840

■ 79.6930, -47.4210,
71.9950

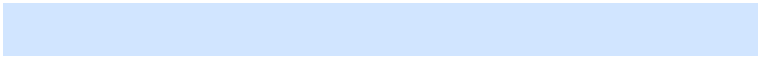
■ 58.1520, -52.7870,
81.1410

■ 41.3290, -57.4190,
87.9970

Harmonies

Analogous

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



225.9840, -20.2660, 3.8460



229.0290, -6.9710, 10.7010



230.2220, 8.6630, 13.7110

Triad

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



229.0290, -6.9710, 10.7010



229.0000, 26.3630, 1.2990



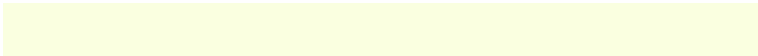
222.5900, -22.6930, -12.7490

Complementary

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



229.0290, -6.9710, 10.7010



249.9710, 6.9710, -10.7010

Split Complementary

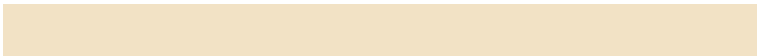
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.7780, -8.6630, -13.7110



229.0290, -6.9710, 10.7010



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.



229.0290, -6.9710, 10.7010



228.6070, 23.3360, 6.6000



225.3730, 5.7790, -11.1250



222.2180, -30.2130, -8.6210

Rectangle

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



229.0290, -6.9710, 10.7010



231.0010, 16.5950, 13.1310



225.3730, 5.7790, -11.1250



222.5150, -18.1080, -13.2440

Sweetspot

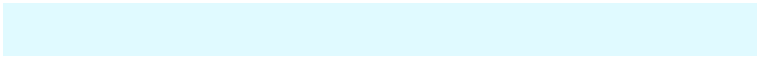
The Sweet Spot groups the original color and five complimentary colors.



229.0290, -6.9710, 10.7010



246.4390, -2.6140, 3.3220



242.7960, -17.1010, -3.9570



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.



229.0290, -6.9710, 10.7010



223.1260, -8.6220, 13.0900



233.5140, 1.9690, 13.8810



117.0800, -2.9810, 4.4670



31.0430, -42.8350, 65.9730



10.2860, -14.5840, 22.0240

Inverse Universe

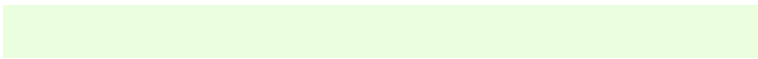
The Inverse Universe completely reimagines the original color for something new.



236.2330, 10.1300, 14.6580



232.0100, 12.3760, 18.0080



245.4860, -1.9690, -13.8810



120.0270, 4.5380, 5.8660



75.3490, 62.4760, 90.2520



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 229.0290, -6.9710, 10.7010 looks on a white background.

Color Contrast Check

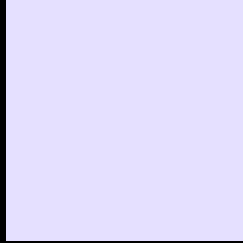
Large Text (above 18pt) WCAG AA × Fail

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 229.0290, -6.9710, 10.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

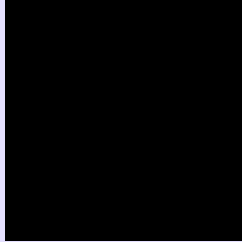
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.0290, -6.9710, 10.7010

Background



This preview shows how black text looks on a background with the YIQ color 229.0290, -6.9710, 10.7010.

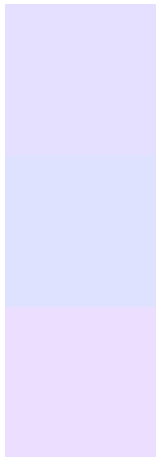


This preview shows how white text looks on a background with the YIQ color 229.0290, -6.9710,

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

229.0290, -6.9710, 10.7010

Protanopia

228.4090, -11.0970, 8.3830

Deuteranopia

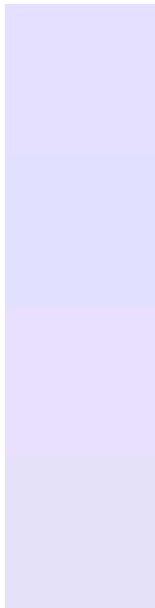
229.9480, -2.2490, 13.2310



Tritanopia

228.3510, -5.1820, 5.8100

Trichromacy



Original Color

229.0290, -6.9710, 10.7010

Protanomaly

228.4200, -9.6300, 9.3300

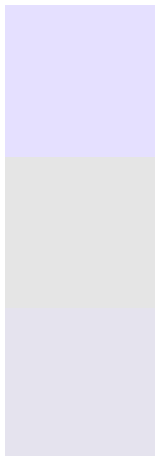
Deuteranomaly

229.6380, -4.3120, 12.0720

Tritanomaly

228.5190, -5.5950, 7.7890

Monochromacy



Original Color

229.0290, -6.9710, 10.7010

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 229.0290, -6.9710, 10.7010 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(229, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 255) }
```

Border

The CSS property to change the border of an element to YIQ 229.0290, -6.9710, 10.7010 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(229, 224, 255) }
```


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

```
.border{ border-color:rgb(229, 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(229, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 229.0290, -6.9710, 10.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 255) }
```

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

```
.background{ background-color: rgb(229,  
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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