

Converting Colors

YIQ(226.1390, -1.4690, 10.1070)

Have a look what the booklet for
YIQ(226.1390, -1.4690, 10.1070)
contains.

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Color

**YIQ(226.1390, -1.4690,
10.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DCF5
RGB	231, 220, 245
RGB Percent	91%, 86%, 96%
CMY	0.0941, 0.1373, 0.0392
CMYK	0.06, 0.10, 0.00, 0.04
HSL	266°, 56%, 91%
HSV	266°, 10%, 96%
XYZ	75.0309, 74.7669, 96.8580
YIQ	226.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

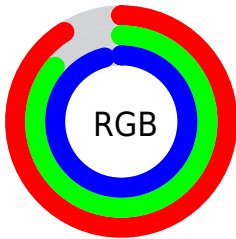
Format	Color
R _Y B	231, 220, 245
Decimal	15195381
CIE Lab	89.28, 8.29, -10.82
CIE LCh	89, 13.636, 307.454
Yxy	74.7669, 0.3042, 0.3031
Android (android.graphics.Color)	4293385461 (0xFFE7DCF5)
YUV	226.1390, 9.2985, 4.2631
Hunter-Lab	86.4678, 3.5714, -5.8869

Details

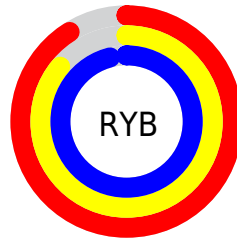
The YIQ color $226.1390, -1.4690, 10.1070$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $238.8610, 1.4690, -10.1070$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.7260, -1.7440, 9.5840$ is the 20% darker color. If you saturate the color by 10%, you get $207.8650, -3.2130, 19.6910$, and if you desaturate by 10%, it is $245.0000, -0.0000, 0.0000$.

Distribution



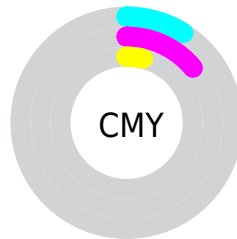
- Red (91%)
- Green (86%)
- Blue (96%)



- Red (91%)
- Yellow (86%)
- Blue (96%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.1390, -1.4690, 10.1070 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 226.1390, -1.4690, 10.1070 by changing the saturation by 10% instead.

■ 226.1390, -1.4690,
10.1070

■ 226.1390, -1.4690,
10.1070

255.0000, -0.0000,
-0.0000

■ 198.1390, -1.4690,
10.1070

■ 170.7260, -1.7440,
9.5840

■ 144.6120, -1.4230,
9.2730

■ 118.4980, -1.1020,
8.9620

■ 94.0850, -1.3770,
8.4390

■ 70.0850, -1.3770,
8.4390

■ 47.6720, -1.6520,

7.9160

■ 27.1450, -1.6060,
7.0820

■ 3.1770, -4.6320,
6.8560

■ 226.1390, -1.4690,
10.1070

■ 226.1390, -1.4690,
10.1070

■ 207.8650, -3.2130,
19.6910

■ 245.0000, -0.0000,
0.0000

■ 189.3030, -4.0860,
30.0100

■ 253.8600, 3.2100,
-3.1100

■ 171.0290, -5.8300,
39.5940

■ 152.1680, -7.2990,
49.7010

■ 133.8940, -9.0430,
59.2850

■ 115.3320, -9.9160,
69.6040

■ 97.0580, -11.6600,
79.1880

■ 78.1970, -13.1290,
89.2950

■ 60.2220, -14.2770,
99.0910

Harmonies

Analogous

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



224.2730, -13.7100, 6.1780



226.1390, -1.4690, 10.1070



227.1250, 10.3140, 11.3220

Triad

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



226.1390, -1.4690, 10.1070



225.0100, 20.4030, -0.8210



219.7690, -21.6390, -9.8230

Complementary

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



226.1390, -1.4690, 10.1070



238.8610, 1.4690, -10.1070

Split Complementary

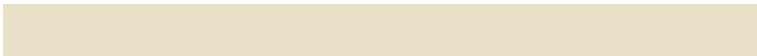
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.6900, -11.2310, -11.2230



226.1390, -1.4690, 10.1070



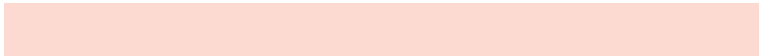
223.5420, 12.7930, -6.0790

Square

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



226.1390, -1.4690, 10.1070



226.5530, 23.4280, 4.9320



221.8610, 1.4690, -10.1070



220.3650, -26.1330, -5.4690

Rectangle

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



226.1390, -1.4690, 10.1070



227.3060, 17.0540, 10.3180



221.8610, 1.4690, -10.1070



220.2100, -18.5670, -10.4310

Sweetspot

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



226.1390, -1.4690, 10.1070



249.1080, -0.1840, 3.3360



231.0680, -11.8750, 0.4530



123.5810, -0.1380, 2.5020



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.



226.1390, -1.4690, 10.1070



231.7200, -1.6070, 12.6090



229.7270, 5.6830, 12.6510



113.1620, -0.2760, 5.0040



45.7220, -10.8340, 75.2300



14.5000, -3.4430, 23.8610

Inverse Universe

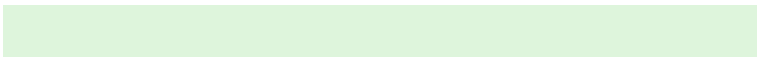
The Inverse Universe completely reimagines the original color for something new.



229.0710, 10.4060, 9.6540



235.3210, 12.6980, 12.1700



235.2730, -5.6830, -12.6510



114.3860, 4.9050, 4.7210



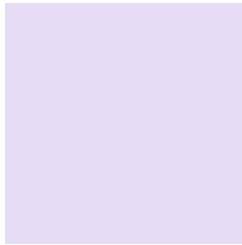
67.4700, 77.4720, 71.7760



21.4030, 24.5710, 22.7710

Previews

White Background



This preview shows how the YIQ color 226.1390, -1.4690, 10.1070 looks on a white background.

Color Contrast Check

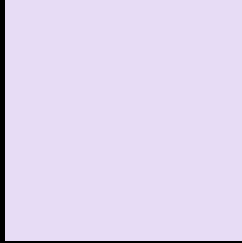
Large Text (above 18pt) WCAG AA × Fail

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 226.1390, -1.4690, 10.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

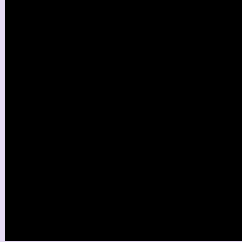
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.1390, -1.4690, 10.1070

Background



This preview shows how black text looks on a background with the YIQ color 226.1390, -1.4690, 10.1070.



This preview shows how white text looks on a background with the YIQ color 226.1390, -1.4690,

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

226.1390, -1.4690, 10.1070

Protanopia

225.4370, -8.3000, 7.2520

Deuteranopia

226.4600, 2.0610, 12.2130



Tritanopia

225.7430, -0.4140, 7.5060

Trichromacy



Original Color

226.1390, -1.4690, 10.1070

Protanomaly

225.6330, -5.9160, 8.1000

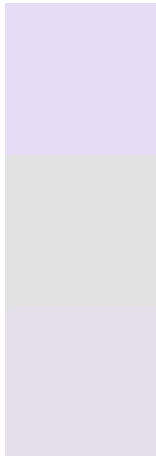
Deuteranomaly

226.4490, 0.5940, 11.2660

Tritanomaly

225.9710, -1.0560, 8.1280

Monochromacy



Original Color

226.1390, -1.4690, 10.1070

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.2220, -0.5050, 3.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.1390, -1.4690, 10.1070 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, 220, 245)` looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 245)  
}
```

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, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 245) }
```

Border

The CSS property to change the border of an element to YIQ 226.1390, -1.4690, 10.1070 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, 220, 245) }
```


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

```
.border{ border-color:rgb(231, 220, 245) }
```

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

Here you see how a box with a 4 pixel rgb(231, 220, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 226.1390, -1.4690, 10.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 245) }
```

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

```
.background{ background-color: rgb(231,  
220, 245) }
```

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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