

Converting Colors

YIQ(226.8230, -3.3950, 11.9730)

Have a look what the booklet for
YIQ(226.8230, -3.3950, 11.9730)
contains.

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Color

**YIQ(226.8230, -3.3950,
11.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DCFB
RGB	231, 220, 251
RGB Percent	91%, 86%, 98%
CMY	0.0941, 0.1373, 0.0157
CMYK	0.08, 0.12, 0.00, 0.02
HSL	261°, 79%, 92%
HSV	261°, 12%, 98%
XYZ	75.9618, 75.1393, 101.7586
YIQ	226.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

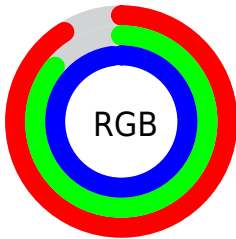
Format	Color
R _Y B	231, 220, 251
Decimal	15195387
CIE Lab	89.46, 9.44, -13.71
CIE LCh	89, 16.651, 304.550
Yxy	75.1393, 0.3004, 0.2972
Android (android.graphics.Color)	4293385467 (0xFFE7DCFB)
YUV	226.8230, 11.9193, 3.6632
Hunter-Lab	86.6829, 4.7277, -8.9235

Details

The YIQ color $226.8230, -3.3950, 11.9730$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $244.1770, 3.3950, -11.9730$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.2960, -3.3490, 11.1390$ is the 20% darker color. If you saturate the color by 10%, you get $207.3640, -6.0560, 21.6560$, and if you desaturate by 10%, it is $246.2820, -0.7340, 2.2900$.

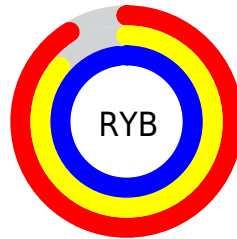
Distribution



Red (91%)

Green (86%)

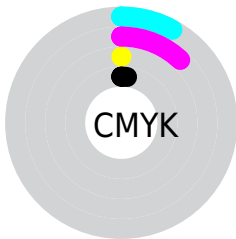
Blue (98%)



Red (91%)

Yellow (86%)

Blue (98%)

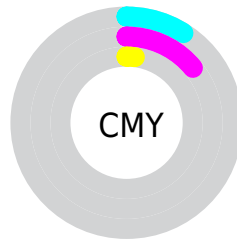


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.8230, -3.3950, 11.9730 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 226.8230, -3.3950, 11.9730 by changing the saturation by 10% instead.

■ 226.8230, -3.3950,
11.9730

■ 226.8230, -3.3950,
11.9730

255.0000, -0.0000,
-0.0000

■ 198.7090, -3.0740,
11.6620

■ 171.2960, -3.3490,
11.1390

■ 145.1820, -3.0280,
10.8280

■ 119.1820, -3.0280,
10.8280

■ 94.6550, -2.9820,
9.9940

■ 70.6550, -2.9820,
9.9940

■ 48.1280, -2.9360,

9.1600

■ 27.3020, -3.4860,
8.1140

■ 4.0460, -5.6410,
8.6230

■ 226.8230, -3.3950,
11.9730

■ 226.8230, -3.3950,
11.9730

■ 207.3640, -6.0560,
21.6560

■ 246.2820, -0.7340,
2.2900

■ 187.9050, -8.7170,
31.3390

■ 254.5440, 1.2840,
-1.2440

■ 168.1470,
-11.9740, 40.8100

■ 148.6880,
-14.6350, 50.4930

■ 129.2290,
-17.2960, 60.1760

■ 109.1830,
-19.6820, 70.3820

■ 89.7240, -22.3430,
80.0650

■ 70.2650, -25.0040,
89.7480

■ 55.2250, -27.5270,
96.9290

Harmonies

Analogous

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



224.2340, -17.9740, 6.3620



226.8230, -3.3950, 11.9730



228.1900, 11.6890, 13.9370

Triad

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



226.8230, -3.3950, 11.9730



225.7610, 25.5380, -0.2700



219.1490, -25.7650, -12.1410

Complementary

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



226.8230, -3.3950, 11.9730



244.1770, 3.3950, -11.9730

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.



220.6250, -12.6060, -13.8380



226.8230, -3.3950, 11.9730



223.7550, 16.5070, -7.3090

Square

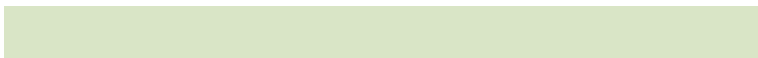
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.8230, -3.3950, 11.9730



226.0480, 26.4080, 5.9920



221.8780, 2.7990, -12.1850



219.3750, -32.0930, -7.5890

Rectangle

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



226.8230, -3.3950, 11.9730



227.8550, 19.9420, 13.0460



221.8780, 2.7990, -12.1850



219.3620, -22.0510, -13.3710

Sweetspot

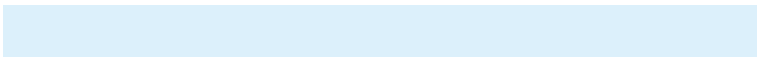
The Sweet Spot groups the original color and five complimentary colors.



226.8230, -3.3950, 11.9730



247.0370, -1.4220, 3.7460



235.2740, -15.4510, -0.8190



122.3960, -1.0550, 2.6010



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.



226.8230, -3.3950, 11.9730



225.2190, -4.4500, 14.5740



231.3080, 5.5450, 15.1530



114.9770, -1.1930, 5.1030



41.5790, -20.7370, 72.9830



13.5320, -6.4690, 23.6350

Inverse Universe

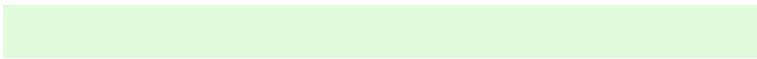
The Inverse Universe completely reimagines the original color for something new.



231.5490, 12.0560, 12.7920



231.0980, 14.9440, 15.5200



239.6920, -5.5450, -15.1530



116.9130, 4.8590, 5.5550



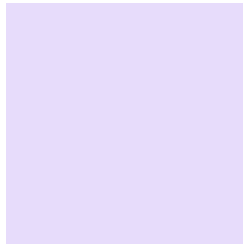
70.4190, 73.4820, 78.0100



22.6850, 23.8370, 25.0610

Previews

White Background



This preview shows how the YIQ color 226.8230, -3.3950, 11.9730 looks on a white background.

Color Contrast Check

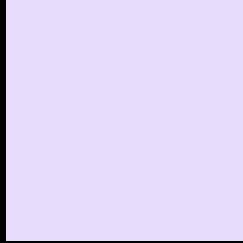
Large Text (above 18pt) WCAG AA × Fail

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 226.8230, -3.3950, 11.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

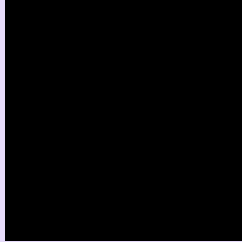
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.8230, -3.3950, 11.9730

Background



This preview shows how black text looks on a background with the YIQ color 226.8230, -3.3950, 11.9730.



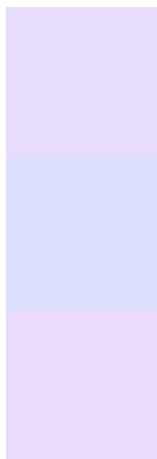
This preview shows how white text looks on a background with the YIQ color 226.8230, -3.3950,

11.9730.

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

226.8230, -3.3950, 11.9730

Protanopia

225.5230, -11.4180, 8.6940

Deuteranopia

227.1330, -1.3320, 13.1320



Tritanopia

226.0310, -1.2850, 6.7710

Trichromacy



Original Color

226.8230, -3.3950, 11.9730

Protanomaly

226.0180, -8.4380, 9.7540

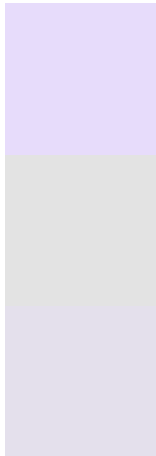
Deuteranomaly

226.8340, -1.9280, 12.9200

Tritanomaly

226.1990, -1.6980, 8.7500

Monochromacy



Original Color

226.8230, -3.3950, 11.9730

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.5640, -1.4680, 4.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.8230, -3.3950, 11.9730 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 251) }
```

Border

The CSS property to change the border of an element to YIQ 226.8230, -3.3950, 11.9730 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, 251) }
```


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

```
.border{ border-color:rgb(231, 220, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 251);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 226.8230, -3.3950, 11.9730 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, 251) }
```

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

```
.background{ background-color: rgb(231,  
220, 251) }
```

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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