

Converting Colors

YIQ(219.8230, -3.3950, 11.9730)

Have a look what the booklet for
YIQ(219.8230, -3.3950, 11.9730)
contains.

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Color

**YIQ(219.8230, -3.3950,
11.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5F4
RGB	224, 213, 244
RGB Percent	88%, 84%, 96%
CMY	0.1215, 0.1647, 0.0432
CMYK	0.08, 0.13, 0.00, 0.04
HSL	261°, 58%, 90%
HSV	261°, 13%, 96%
XYZ	70.8649, 69.9664, 95.3502
YIQ	219.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

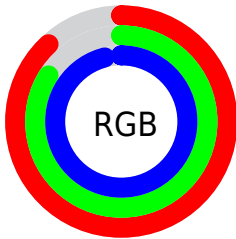
Format	Color
R _Y B	224, 213, 244
Decimal	14734836
CIE Lab	86.98, 9.50, -13.79
CIE LCh	87, 16.750, 304.570
Yxy	69.9664, 0.3000, 0.2962
Android (android.graphics.Color)	4292924916 (0xFFE0D5F4)
YUV	219.8230, 11.9193, 3.6632
Hunter-Lab	83.6459, 4.8448, -9.0341

Details

The YIQ color $219.8230, -3.3950, 11.9730$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $237.1770, 3.3950, -11.9730$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.7090, -3.0740, 11.6620$ is the 20% darker color. If you saturate the color by 10%, you get $200.9510, -6.3310, 21.1330$, and if you desaturate by 10%, it is $238.6950, -0.4590, 2.8130$.

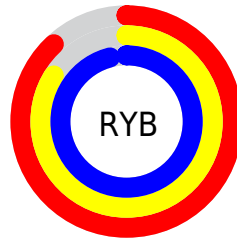
Distribution



Red (88%)

Green (84%)

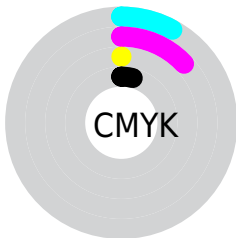
Blue (96%)



Red (88%)

Yellow (84%)

Blue (96%)

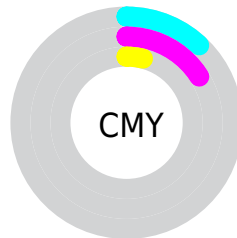


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.8230, -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 219.8230, -3.3950, 11.9730 by changing the saturation by 10% instead.

■ 219.8230, -3.3950,
11.9730

■ 219.8230, -3.3950,
11.9730

255.0000, -0.0000,
-0.0000

■ 191.8230, -3.3950,
11.9730

■ 164.7090, -3.0740,
11.6620

■ 138.2960, -3.3490,
11.1390

■ 112.8830, -3.6240,
10.6160

■ 88.6550, -2.9820,
9.9940

■ 65.2420, -3.2570,
9.4710

■ 42.8290, -3.5320,

8.9480

■ 22.3020, -3.4860,
8.1140

■ 2.7530, -6.3740,
5.3860

■ 219.8230, -3.3950,
11.9730

■ 219.8230, -3.3950,
11.9730

■ 200.9510, -6.3310,
21.1330

■ 238.6950, -0.4590,
2.8130

■ 181.7910, -8.3960,
31.0280

■ 253.7460, 3.5310,
-3.4210

■ 162.9190,
-11.3320, 40.1880

■ 143.4600,
-13.9930, 49.8710

■ 124.5880,
-16.9290, 59.0310

■ 106.0150,
-19.2690, 68.4030

■ 86.5560, -21.9300,
78.0860

■ 67.6840, -24.8660,
87.2460

■ 53.8290, -26.4720,
94.3280

Harmonies

Analogous

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



217.3480, -18.2950, 6.6730



219.8230, -3.3950, 11.9730



221.1900, 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.



219.8230, -3.3950, 11.9730



218.7610, 25.5380, -0.2700



212.1490, -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.



219.8230, -3.3950, 11.9730



237.1770, 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.



213.6250, -12.6060, -13.8380



219.8230, -3.3950, 11.9730



216.7550, 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.



219.8230, -3.3950, 11.9730



219.9450, 28.1960, 6.6280



214.8780, 2.7990, -12.1850



212.3750, -32.0930, -7.5890

Rectangle

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



219.8230, -3.3950, 11.9730



220.8550, 19.9420, 13.0460



214.8780, 2.7990, -12.1850



212.3620, -22.0510, -13.3710

Sweetspot

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



219.8230, -3.3950, 11.9730



247.0370, -1.4220, 3.7460



228.2740, -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.



219.8230, -3.3950, 11.9730



225.2190, -4.4500, 14.5740



224.3080, 5.5450, 15.1530



112.8630, -0.8720, 4.7920



40.9380, -20.3700, 71.8380



13.0050, -6.4230, 22.8010

Inverse Universe

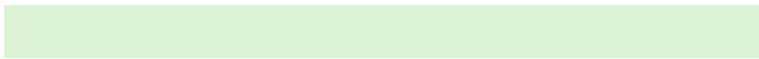
The Inverse Universe completely reimagines the original color for something new.



224.5490, 12.0560, 12.7920



231.0980, 14.9440, 15.5200



232.6920, -5.5450, -15.1530



114.5000, 4.5840, 5.0320



69.2940, 72.3360, 76.7520



21.9730, 22.9660, 24.3260

Previews

White Background



This preview shows how the YIQ color 219.8230, -3.3950, 11.9730 looks on a white background.

Color Contrast Check

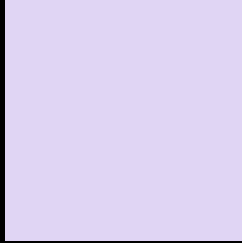
Large Text (above 18pt) WCAG AA × Fail

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 219.8230, -3.3950, 11.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

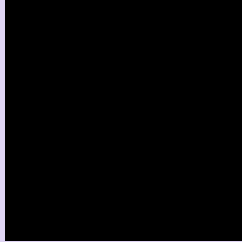
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.8230, -3.3950, 11.9730

Background



This preview shows how black text looks on a background with the YIQ color 219.8230, -3.3950, 11.9730.

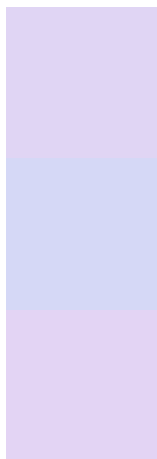


This preview shows how white text looks on a background with the YIQ color 219.8230, -3.3950,

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

219.8230, -3.3950, 11.9730

Protanopia

218.5230, -11.4180, 8.6940

Deuteranopia

220.1330, -1.3320, 13.1320



Tritanopia

219.0310, -1.2850, 6.7710

Trichromacy



Original Color

219.8230, -3.3950, 11.9730

Protanomaly

219.0180, -8.4380, 9.7540

Deuteranomaly

219.8340, -1.9280, 12.9200

Tritanomaly

219.1990, -1.6980, 8.7500

Monochromacy



Original Color

219.8230, -3.3950, 11.9730

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.5640, -1.4680, 4.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8230, -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(224, 213, 244)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 244)  
}
```

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(224, 213, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 244) }
```

Border

The CSS property to change the border of an element to YIQ 219.8230, -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(224, 213, 244) }
```


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

```
.border{ border-color:rgb(224, 213, 244) }
```

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

Here you see how a box with a 4 pixel rgb(224, 213, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 244);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8230, -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(224, 213, 244) }
```

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

```
.background{ background-color: rgb(224,  
213, 244) }
```

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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