

Converting Colors

YIQ(228.3780, -0.6440, 11.6760)

Have a look what the booklet for
YIQ(228.3780, -0.6440, 11.6760)
contains.

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Color

**YIQ(228.3780, -0.6440,
11.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDDF9
RGB	235, 221, 249
RGB Percent	92%, 87%, 98%
CMY	0.0784, 0.1333, 0.0235
CMYK	0.06, 0.11, 0.00, 0.02
HSL	270°, 70%, 92%
HSV	270°, 11%, 98%
XYZ	77.2181, 76.2134, 100.2583
YIQ	228.3780, -0.6440, 11.6760

Conversions

Conversions Part 2

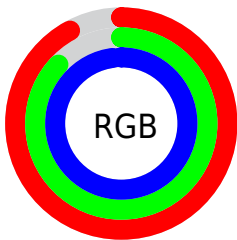
Format	Color
R _Y B	235, 221, 249
Decimal	15457785
CIE Lab	89.96, 9.83, -11.89
CIE LCh	90, 15.426, 309.595
Yxy	76.2134, 0.3044, 0.3004
Android (android.graphics.Color)	4293647865 (0xFFEBDDF9)
YUV	228.3780, 10.1666, 5.8075
Hunter-Lab	87.3003, 5.1098, -6.9803

Details

The YIQ color $228.3780, -0.6440, 11.6760$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.6220, 0.6440, -11.6760$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.9650, -0.9190, 11.1530$ is the 20% darker color. If you saturate the color by 10%, you get $210.1150, -0.9210, 22.2070$, and if you desaturate by 10%, it is $246.6410, -0.3670, 1.1450$.

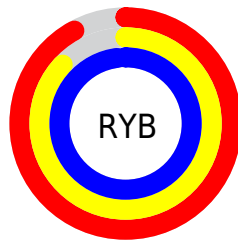
Distribution



Red (92%)

Green (87%)

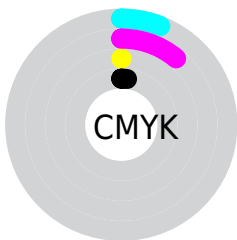
Blue (98%)



Red (92%)

Yellow (87%)

Blue (98%)

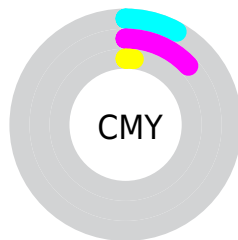


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (8%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.3780, -0.6440, 11.6760 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 228.3780, -0.6440, 11.6760 by changing the saturation by 10% instead.

■ 228.3780, -0.6440,
11.6760

■ 228.3780, -0.6440,
11.6760

255.0000, -0.0000,
-0.0000

■ 200.2640, -0.3230,
11.3650

■ 172.9650, -0.9190,
11.1530

■ 146.4380, -0.8730,
10.3190

■ 120.4380, -0.8730,
10.3190

■ 96.0250, -1.1480,
9.7960

■ 71.9110, -0.8270,
9.4850

■ 49.4980, -1.1020,

8.9620

■ 28.2700, -0.4600,
8.3400

■ 6.3240, -0.5520,
10.0080

■ 228.3780, -0.6440,
11.6760

■ 228.3780, -0.6440,
11.6760

■ 210.1150, -0.9210,
22.2070

■ 246.6410, -0.3670,
1.1450

■ 191.5530, -1.7940,
32.5260

■ 254.3160, 1.9260,
-1.8660

■ 173.2900, -2.0710,
43.0570

■ 154.7280, -2.9440,
53.3760

■ 137.0520, -3.4960,
63.3840

■ 118.4900, -4.3690,
73.7030

■ 100.2270, -4.6460,
84.2340

■ 81.9640, -4.9230,
94.7650

■ 65.7610, -5.4290,
103.9390

Harmonies

Analogous

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



226.3160, -15.2690, 6.8990



228.3780, -0.6440, 11.6760



229.1470, 13.2480, 13.2160

Triad

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



228.3780, -0.6440, 11.6760



227.1520, 22.8790, -1.6410



221.0890, -25.5360, -10.7840

Complementary

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



228.3780, -0.6440, 11.6760



241.6220, 0.6440, -11.6760

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.



221.9670, -13.5690, -12.9050



228.3780, -0.6440, 11.6760



225.3740, 13.2060, -8.0580

Square

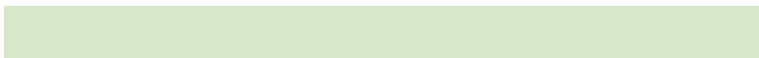
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.3780, -0.6440, 11.6760



227.9230, 25.2620, 4.7340



223.3230, 0.0480, -11.8880



221.9840, -29.4340, -6.2180

Rectangle

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



228.3780, -0.6440, 11.6760



228.9150, 19.7130, 11.6890



223.3230, 0.0480, -11.8880



221.3020, -21.8220, -12.0140

Sweetspot

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



228.3780, -0.6440, 11.6760



249.1080, -0.1840, 3.3360



232.4100, -12.8380, 1.3860



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.



228.3780, -0.6440, 11.6760



230.5460, -1.0570, 13.6550



232.5640, 7.7000, 14.6440



115.5750, -0.0010, 5.5270



49.6520, -4.6450, 78.7070



16.2230, -1.1050, 25.5430

Inverse Universe

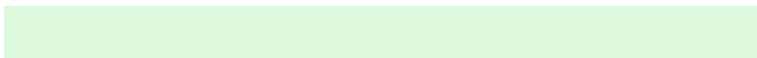
The Inverse Universe completely reimagines the original color for something new.



230.9680, 12.1940, 10.2900



233.6910, 14.5320, 11.9720



237.4360, -7.7000, -14.6440



116.6850, 5.5010, 4.9330



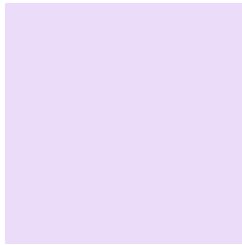
67.2270, 82.4700, 69.3020



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 228.3780, -0.6440, 11.6760 looks on a white background.

Color Contrast Check

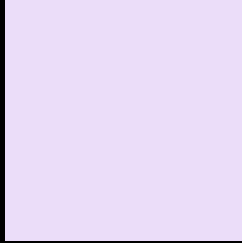
Large Text (above 18pt) WCAG AA × Fail

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 228.3780, -0.6440, 11.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

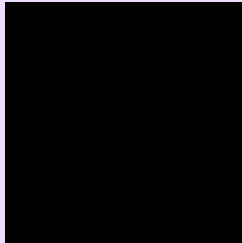
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

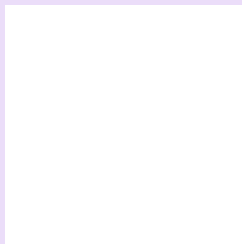
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.3780, -0.6440, 11.6760

Background



This preview shows how black text looks on a background with the YIQ color 228.3780, -0.6440, 11.6760.



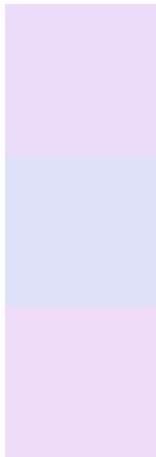
This preview shows how white text looks on a background with the YIQ color 228.3780, -0.6440,

11.6760.

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

228.3780, -0.6440, 11.6760

Protanopia

227.3660, -9.5380, 7.6620

Deuteranopia

228.6880, 1.4190, 12.8350



Tritanopia

227.6400, 1.3740, 8.1420

Trichromacy



Original Color

228.3780, -0.6440, 11.6760

Protanomaly

227.8610, -6.5580, 8.7220

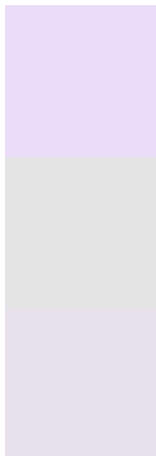
Deuteranomaly

228.3890, 0.8230, 12.6230

Tritanomaly

227.9820, 0.4110, 9.0750

Monochromacy



Original Color

228.3780, -0.6440, 11.6760

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0480, 0.0450, 4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.3780, -0.6440, 11.6760 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(235, 221, 249)` looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 249)  
}
```

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(235, 221, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 249) }
```

Border

The CSS property to change the border of an element to YIQ 228.3780, -0.6440, 11.6760 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(235, 221, 249) }
```


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

```
.border{ border-color:rgb(235, 221, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 221, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 221, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 221, 249); box-shadow:4px 4px 4px 4px rgb(235, 221, 249) }
```

Background

The CSS property to change the background color of an element to YIQ 228.3780, -0.6440, 11.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 249) }
```

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

```
.background{ background-color: rgb(235,  
221, 249) }
```

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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