

Converting Colors

YIQ(229.3370, 6.6010, 7.0250)

Have a look what the booklet for
YIQ(229.3370, 6.6010, 7.0250)
contains.

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Color

**YIQ(229.3370, 6.6010,
7.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DFEA
RGB	240, 223, 234
RGB Percent	94%, 87%, 92%
CMY	0.0588, 0.1255, 0.0823
CMYK	0.00, 0.07, 0.03, 0.06
HSL	321°, 36%, 91%
HSV	321°, 7%, 94%
XYZ	77.1770, 77.2397, 88.6864
YIQ	229.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

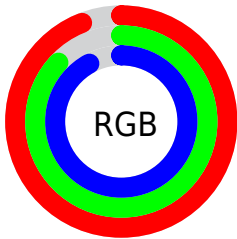
Format	Color
R _Y B	240, 223, 234
Decimal	15785962
CIE Lab	90.43, 7.71, -3.28
CIE LCh	90, 8.375, 336.972
Yxy	77.2397, 0.3175, 0.3177
Android (android.graphics.Color)	4293976042 (0xFFFF0DFEA)
YUV	229.3370, 2.2989, 9.3515
Hunter-Lab	87.8861, 2.9486, 1.6904

Details

The YIQ color $229.3370, 6.6010, 7.0250$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $233.6630, -6.6010, -7.0250$, 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 $173.9240, 6.3260, 6.5020$ is the 20% darker color. If you saturate the color by 10%, you get $214.3370, 15.7690, 17.0890$, and if you desaturate by 10%, it is $244.3370, -2.5670, -3.0390$.

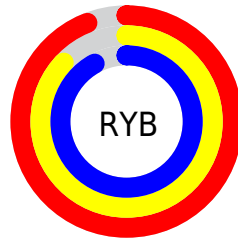
Distribution



Red (94%)

Green (87%)

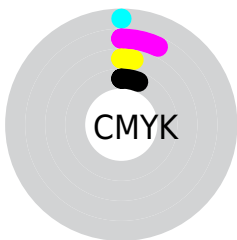
Blue (92%)



Red (94%)

Yellow (87%)

Blue (92%)

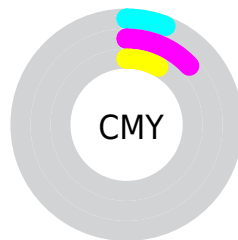


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.3370, 6.6010, 7.0250 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 229.3370, 6.6010, 7.0250 by changing the saturation by 10% instead.

■ 229.3370, 6.6010,
7.0250

■ 229.3370, 6.6010,
7.0250

255.0000, -0.0000,
-0.0000

■ 201.3370, 6.6010,
7.0250

■ 173.9240, 6.3260,
6.5020

■ 147.0380, 6.0050,
6.8130

■ 121.6250, 5.7300,
6.2900

■ 96.6250, 5.7300,
6.2900

■ 73.2120, 5.4550,
5.7670

■ 50.5000, 4.5840,

5.0320

■ 29.5000, 4.5840,
5.0320

■ 6.2230, 6.9220,
6.7140

■ 229.3370, 6.6010,
7.0250

■ 229.3370, 6.6010,
7.0250

■ 214.3370, 15.7690,
17.0890

■ 244.3370, -2.5670,
-3.0390

■ 199.2230, 25.2580,
26.8420

■ 250.0590, -7.6560,
-4.4240

■ 184.2230, 34.4260,
36.9060

■ 250.5150, -8.9400,
-3.1800

■ 169.1090, 43.9150,
46.6590

■ 154.1090, 53.0830,
56.7230

■ 138.9950, 62.5720,
66.4760

■ 123.9950, 71.7400,
76.5400

■ 108.8810, 81.2290,
86.2930

■ 93.8810, 90.3970,
96.3570

Harmonies

Analogous

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



228.8030, -0.6430, 6.1490



229.3370, 6.6010, 7.0250



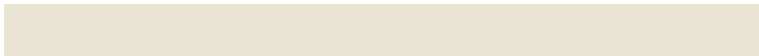
229.3330, 12.4240, 6.1200

Triad

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



229.3370, 6.6010, 7.0250



227.6710, 8.1160, -3.9160



225.6930, -15.3130, -3.3210

Complementary

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



229.3370, 6.6010, 7.0250



233.6630, -6.6010, -7.0250

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.



225.3680, -13.0200, -6.3320



229.3370, 6.6010, 7.0250



226.1970, 0.6430, -6.1490

Square

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



229.3370, 6.6010, 7.0250



228.1170, 12.7920, -0.5520



225.6630, -6.6010, -7.0250



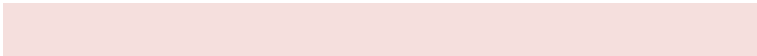
226.2850, -13.9840, 0.1280

Rectangle

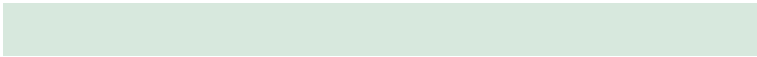
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.3370, 6.6010, 7.0250



229.3500, 13.7540, 4.0420



225.6630, -6.6010, -7.0250



225.0520, -14.9460, -4.4660

Sweetspot

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



229.3370, 6.6010, 7.0250



251.8370, 2.0170, 1.9930



226.7320, -1.8810, 6.5590



126.1250, 1.1460, 1.2580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

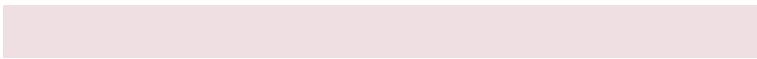
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.3370, 6.6010, 7.0250



240.5870, 8.8930, 9.5410



228.4250, 9.1690, 4.5370



112.5000, 4.5840, 5.0320



68.5820, 71.4650, 76.0170



20.8480, 21.8200, 23.0680

Inverse Universe

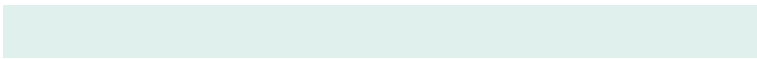
The Inverse Universe completely reimagines the original color for something new.



229.3370, 6.6010, 7.0250



240.5870, 8.8930, 9.5410



234.5750, -9.1690, -4.5370



112.5000, 4.5840, 5.0320



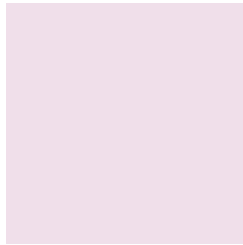
68.5820, 71.4650, 76.0170



20.8480, 21.8200, 23.0680

Previews

White Background



This preview shows how the YIQ color 229.3370, 6.6010, 7.0250 looks on a white background.

Color Contrast Check

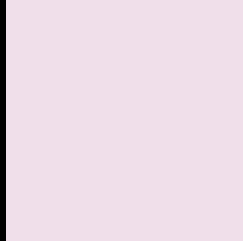
Large Text (above 18pt) WCAG AA × Fail

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 229.3370, 6.6010, 7.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

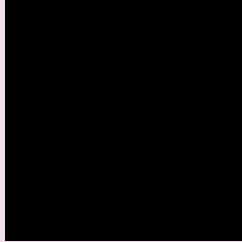
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

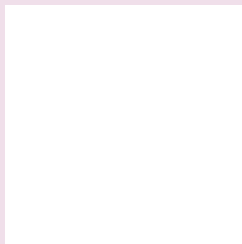
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.3370, 6.6010, 7.0250

Background



This preview shows how black text looks on a background with the YIQ color 229.3370, 6.6010, 7.0250.



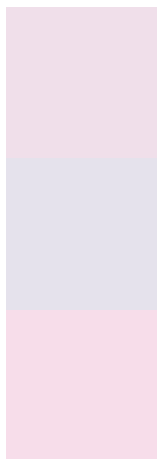
This preview shows how white text looks on a background with the YIQ color 229.3370, 6.6010,

7.0250.

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

229.3370, 6.6010, 7.0250

Protanopia

228.0370, -1.4220, 3.7460

Deuteranopia

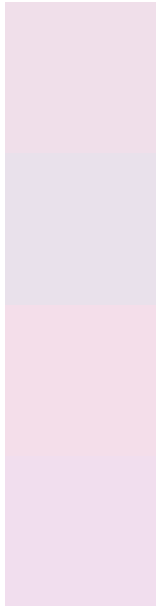
230.2560, 11.3230, 9.5550



Tritanopia

229.7330, 5.5460, 9.6260

Trichromacy



Original Color

229.3370, 6.6010, 7.0250

Protanomaly

228.5320, 1.5580, 4.8060

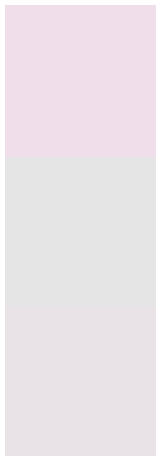
Deuteranomaly

229.9460, 9.2600, 8.3960

Tritanomaly

229.5050, 6.1880, 9.0040

Monochromacy



Original Color

229.3370, 6.6010, 7.0250

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.2500, 2.2920, 2.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.3370, 6.6010, 7.0250 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(240, 223, 234)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 234)  
}
```

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(240, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 234) }
```

Border

The CSS property to change the border of an element to YIQ 229.3370, 6.6010, 7.0250 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(240, 223, 234) }
```


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

```
.border{ border-color:rgb(240, 223, 234) }
```

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

Here you see how a box with a 4 pixel rgb(240, 223, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 229.3370, 6.6010, 7.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 234) }
```

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

```
.background{ background-color: rgb(240,  
223, 234) }
```

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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