

Converting Colors

YIQ(223.8070, -6.4660, 7.0540)

Have a look what the booklet for
YIQ(223.8070, -6.4660, 7.0540)
contains.

YIQ(223.8070, -6.4660, 7.0540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(223.8070, -6.4660,
7.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDDF3
RGB	222, 221, 243
RGB Percent	87%, 87%, 95%
CMY	0.1294, 0.1333, 0.0471
CMYK	0.09, 0.09, 0.00, 0.05
HSL	243°, 48%, 91%
HSV	243°, 9%, 95%
XYZ	72.1578, 73.7134, 95.2104
YIQ	223.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

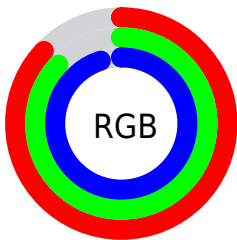
Format	Color
R _Y B	222, 221, 243
Decimal	14605811
CIE Lab	88.79, 4.46, -10.58
CIE LCh	89, 11.485, 292.844
Yxy	73.7134, 0.2993, 0.3058
Android (android.graphics.Color)	4292795891 (0xFFDEDDF3)
YUV	223.8070, 9.4621, -1.5847
Hunter-Lab	85.8565, -0.2291, -5.6500

Details

The YIQ color $223.8070, -6.4660, 7.0540$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $240.1930, 6.4660, -7.0540$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.6930, -6.1450, 6.7430$ is the 20% darker color. If you saturate the color by 10%, you get $202.8420, -13.5740, 14.7300$, and if you desaturate by 10%, it is $244.7720, 0.6420, -0.6220$.

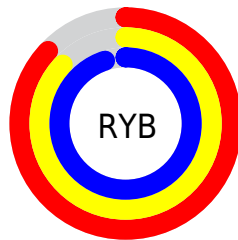
Distribution



Red (87%)

Green (87%)

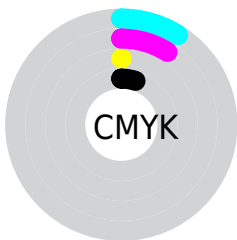
Blue (95%)



Red (87%)

Yellow (87%)

Blue (95%)

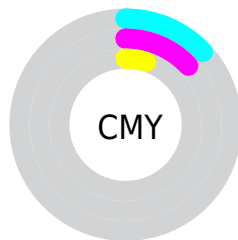


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8070, -6.4660, 7.0540 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 223.8070, -6.4660, 7.0540 by changing the saturation by 10% instead.

■ 223.8070, -6.4660,
7.0540

■ 223.8070, -6.4660,
7.0540

255.0000, -0.0000,
-0.0000

■ 195.8070, -6.4660,
7.0540

■ 168.6930, -6.1450,
6.7430

■ 142.2800, -6.4200,
6.2200

■ 116.5790, -5.8240,
6.4320

■ 92.0520, -5.7780,
5.5980

■ 68.3510, -5.1820,
5.8100

■ 45.9380, -5.4570,

5.2870

■ 25.4110, -5.4110,
4.4530

■ 2.6390, -6.0530,
5.0750

■ 223.8070, -6.4660,
7.0540

■ 223.8070, -6.4660,
7.0540

■ 202.8420,
-13.5740, 14.7300

■ 244.7720, 0.6420,
-0.6220

■ 181.2900,
-20.4070, 22.9290

■ 253.6320, 3.8520,
-3.7320

■ 160.0260,
-28.1110, 30.3930

■ 139.0610,
-35.2190, 38.0690

■ 118.0960,
-42.3270, 45.7450

■ 96.5440, -49.1600,
53.9440

■ 75.5790, -56.2680,
61.6200

■ 54.3150, -63.9720,
69.0840

■ 32.7630, -70.8050,
77.2830

Harmonies

Analogous

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



222.3820, -15.6350, 2.5170



223.8070, -6.4660, 7.0540



225.1350, 4.3540, 9.2020

Triad

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



223.8070, -6.4660, 7.0540



224.4060, 19.3480, 1.7800



219.3030, -14.3950, -8.9470

Complementary

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



223.8070, -6.4660, 7.0540



240.1930, 6.4660, -7.0540

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.



220.4520, -4.6290, -9.7250



223.8070, -6.4660, 7.0540



222.9060, 14.7640, -3.2520

Square

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



223.8070, -6.4660, 7.0540



225.1550, 18.7970, 6.2610



221.8940, 5.8700, -7.2660



219.3610, -20.3100, -6.3740

Rectangle

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



223.8070, -6.4660, 7.0540



225.0710, 10.4060, 9.6540



221.8940, 5.8700, -7.2660



219.7440, -11.3230, -9.5550

Sweetspot

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



223.8070, -6.4660, 7.0540



248.2110, -1.9720, 2.7000



235.8350, -12.8370, -4.1410



122.9830, -1.3300, 2.0780



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.



223.8070, -6.4660, 7.0540



230.4910, -8.3920, 8.9200



227.0960, 0.0900, 9.3860



111.6670, -3.2560, 3.9440



23.5960, -54.9380, 59.5420



7.6230, -17.1510, 18.9850

Inverse Universe

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



229.9720, 6.3710, 11.1950



238.4500, 8.0210, 14.3330



236.9040, -0.0900, -9.3860



114.9560, 3.3000, 6.2760



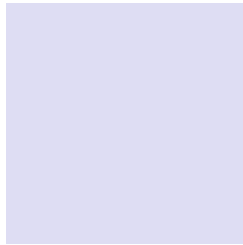
75.9060, 53.7180, 94.7900



24.0250, 17.1880, 29.9240

Previews

White Background



This preview shows how the YIQ color 223.8070, -6.4660, 7.0540 looks on a white background.

Color Contrast Check

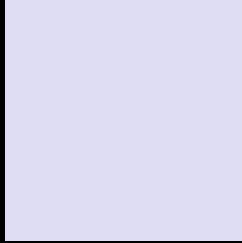
Large Text (above 18pt) WCAG AA × Fail

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 223.8070, -6.4660, 7.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

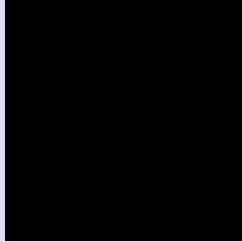
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.8070, -6.4660, 7.0540

Background



This preview shows how black text looks on a background with the YIQ color 223.8070, -6.4660, 7.0540.

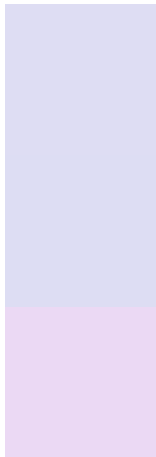


This preview shows how white text looks on a background with the YIQ color 223.8070, -6.4660,

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

223.8070, -6.4660, 7.0540

Protanopia

223.5080, -7.0620, 6.8420

Deuteranopia

225.4600, 2.0610, 12.2130



Tritanopia

223.6390, -6.0530, 5.0750

Trichromacy



Original Color

223.8070, -6.4660, 7.0540

Protanomaly

223.5080, -7.0620, 6.8420

Deuteranomaly

224.5520, -1.1940, 10.6300

Tritanomaly

223.7530, -6.3740, 5.3860

Monochromacy



Original Color

223.8070, -6.4660, 7.0540

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.9120, -2.5680, 2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8070, -6.4660, 7.0540 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(222, 221, 243)` looks like.

```
.text, #text, p{  
    color:rgb(222, 221, 243)  
}
```

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(222, 221, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 221, 243) }
```

Border

The CSS property to change the border of an element to YIQ 223.8070, -6.4660, 7.0540 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(222, 221, 243) }
```


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

```
.border{ border-color:rgb(222, 221, 243) }
```

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

Here you see how a box with a 4 pixel rgb(222, 221, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 221, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 221, 243);  
box-shadow:4px 4px 4px 4px rgb(222, 221,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8070, -6.4660, 7.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 221, 243) }
```

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

```
.background{ background-color: rgb(222,  
221, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor