

Converting Colors

YIQ(223.6750, -6.8750,
-13.0750)

Have a look what the booklet for
YIQ(223.6750, -6.8750, -13.0750)
contains.

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Color

**YIQ(223.6750, -6.8750,
-13.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EAD1
RGB	209, 234, 209
RGB Percent	82%, 92%, 82%
CMY	0.1805, 0.0823, 0.1804
CMYK	0.11, 0.00, 0.11, 0.08
HSL	120°, 37%, 87%
HSV	120°, 11%, 92%
XYZ	67.2232, 77.0075, 71.6412
YIQ	223.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

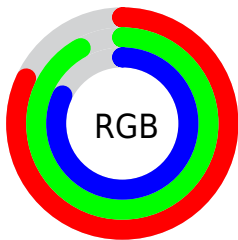
Format	Color
R _Y B	209, 234, 234
Decimal	13757137
CIE Lab	90.33, -12.82, 9.37
CIE LCh	90, 15.873, 143.838
Yxy	77.0075, 0.3114, 0.3567
Android (android.graphics.Color)	4291947217 (0xFFD1EAD1)
YUV	223.6750, -7.2348, -12.8700
Hunter-Lab	87.7539, -16.8306, 13.0241

Details

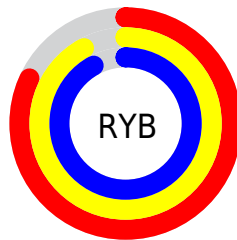
The YIQ color $223.6750, -6.8750, -13.0750$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.3250, 6.8750, 13.0750$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.2020, -6.9210, -12.2410$ is the 20% darker color. If you saturate the color by 10%, you get $214.1760, -13.2000, -25.1040$, and if you desaturate by 10%, it is $233.1740, -0.5500, -1.0460$.

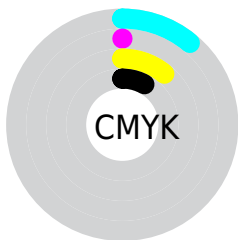
Distribution



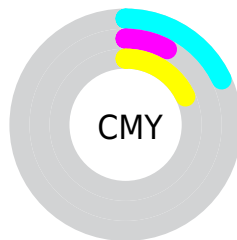
- Red (82%)
- Green (92%)
- Blue (82%)



- Red (82%)
- Yellow (92%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.6750, -6.8750, -13.0750 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 223.6750, -6.8750, -13.0750 by changing the saturation by 10% instead.

■ 223.6750, -6.8750,
-13.0750

■ 223.6750, -6.8750,
-13.0750

255.0000, -0.0000,
-0.0000

■ 195.6750, -6.8750,
-13.0750

■ 168.2020, -6.9210,
-12.2410

■ 142.2020, -6.9210,
-12.2410

■ 116.5010, -6.3250,
-12.0290

■ 91.9140, -6.0500,
-11.5060

■ 68.3270, -5.7750,
-10.9830

■ 45.8540, -5.8210,

-10.1490

■ 24.2670, -5.5460,
-9.6260

■ 1.1740, -0.5500,
-1.0460

■ 223.6750, -6.8750,
-13.0750

■ 223.6750, -6.8750,
-13.0750

■ 214.1760,
-13.2000, -25.1040

■ 233.1740, -0.5500,
-1.0460

■ 204.2640,
-19.8000, -37.6560

■ 242.6730, 5.7750,
10.9830

■ 194.7650,
-26.1250, -49.6850

■ 184.8530,
-32.7250, -62.2370

■ 175.3540,
-39.0500, -74.2660

■ 165.8550,
-45.3750, -86.2950

■ 155.9430,
-51.9750, -98.8470

■ 146.4440,
-58.3000, -110.8760

■ 137.3580,
-64.3500, -122.3820

Harmonies

Analogous

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



225.2700, 7.5670, -10.4890



223.6750, -6.8750, -13.0750



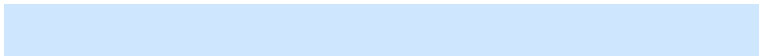
222.2590, -20.2630, -12.7350

Triad

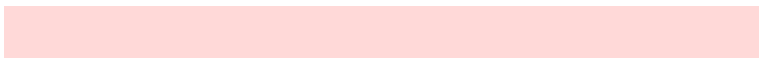
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.6750, -6.8750, -13.0750



225.9730, -21.7330, 2.8990



228.2480, 22.9690, 7.7450

Complementary

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



223.6750, -6.8750, -13.0750



219.3250, 6.8750, 13.0750

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.



229.9580, 18.1540, 12.4100



223.6750, -6.8750, -13.0750



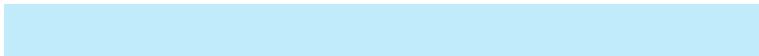
228.1320, -8.7590, 10.0650

Square

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



223.6750, -6.8750, -13.0750



223.6790, -29.8930, -3.4050



230.0260, 6.2790, 12.8630



228.5270, 26.3170, 2.1330

Rectangle

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



223.6750, -6.8750, -13.0750



222.0180, -26.7740, -10.3740



230.0260, 6.2790, 12.8630



228.8180, 21.3640, 9.3000

Sweetspot

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



223.6750, -6.8750, -13.0750



251.6960, -2.2000, -4.1840



231.1500, 8.0250, -7.7750



125.5220, -1.6500, -3.1380



0.0000, 0.0000, 0.0000



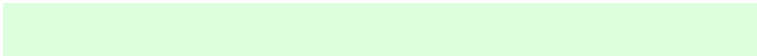
128.0000, -0.0000, -0.0000

Same Dimension

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



223.6750, -6.8750, -13.0750



241.3710, -9.0750, -17.2590



225.0430, -10.7270, -9.3430



112.4570, -3.0250, -5.7530



106.2470, -49.7750, -94.6630



31.6980, -14.8500, -28.2420

Inverse Universe

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



219.3250, 6.8750, 13.0750



235.6290, 9.0750, 17.2590



217.8430, 11.0480, 9.0320



110.5430, 3.0250, 5.7530



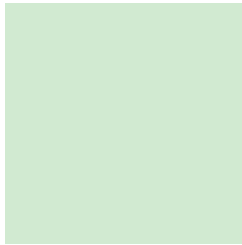
74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Previews

White Background



This preview shows how the YIQ color 223.6750, -6.8750, -13.0750 looks on a white background.

Color Contrast Check

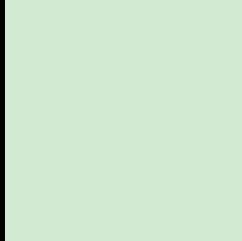
Large Text (above 18pt) WCAG AA × Fail

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 223.6750, -6.8750, -13.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

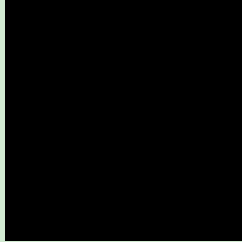
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

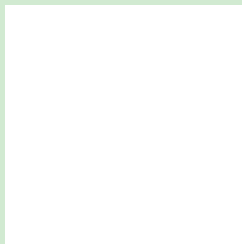
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.6750, -6.8750, -13.0750

Background



This preview shows how black text looks on a background with the YIQ color 223.6750, -6.8750, -13.0750.



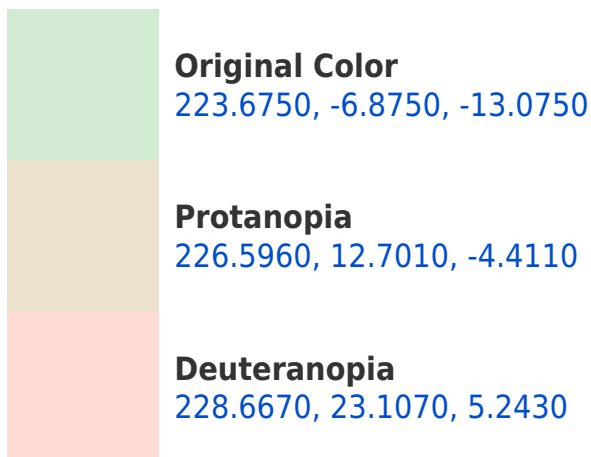
This preview shows how white text looks on a background with the YIQ color 223.6750, -6.8750, -13.0750.

-13.0750.

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

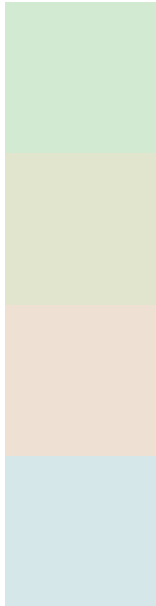




Tritanopia

226.8660, -14.1220, 2.6300

Trichromacy



Original Color

223.6750, -6.8750, -13.0750

Protanomaly

225.4810, 5.5950, -7.7890

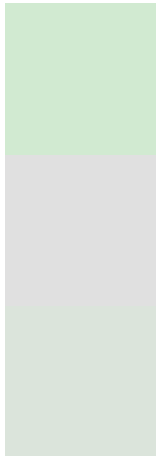
Deuteranomaly

226.7040, 12.5170, -1.0750

Tritanomaly

225.8460, -11.3700, -3.1940

Monochromacy



Original Color

223.6750, -6.8750, -13.0750

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.2830, -2.4750, -4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.6750, -6.8750, -13.0750 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(209, 234, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 234, 209)  
}
```

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(209, 234, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 234, 209) }
```

Border

The CSS property to change the border of an element to YIQ 223.6750, -6.8750, -13.0750 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(209, 234, 209) }
```


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

```
.border{ border-color:rgb(209, 234, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 234, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 234, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 234, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 234,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 223.6750, -6.8750, -13.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 234, 209) }
```

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

```
.background{ background-color: rgb(209,  
234, 209) }
```

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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