

Converting Colors

YIQ(231.7230, -6.8300, -8.3820)

Have a look what the booklet for
YIQ(231.7230, -6.8300, -8.3820)
contains.

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Color

**YIQ(231.7230, -6.8300,
-8.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEFE1
RGB	220, 239, 225
RGB Percent	86%, 94%, 88%
CMY	0.1373, 0.0627, 0.1177
CMYK	0.08, 0.00, 0.06, 0.06
HSL	136°, 37%, 90%
HSV	136°, 8%, 94%
XYZ	73.9699, 82.3872, 83.2349
YIQ	231.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

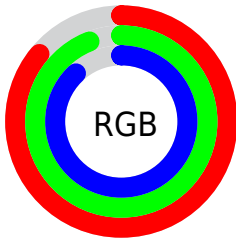
Format	Color
R_{YB}	220, 235, 239
Decimal	14479329
CIE _{Lab}	92.75, -8.82, 4.62
CIE _{LCh}	93, 9.955, 152.342
Yxy	82.3872, 0.3087, 0.3439
Android (android.graphics.Color)	4292669409 (0xFFDCEFE1)
YUV	231.7230, -3.3144, -10.2811
Hunter-Lab	90.7674, -13.3762, 9.1675

Details

The YIQ color $231.7230, -6.8300, -8.3820$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.2770, 6.8300, 8.3820$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.1360, -6.5550, -7.8590$ is the 20% darker color. If you saturate the color by 10%, you get $222.4950, -15.3560, -19.0680$, and if you desaturate by 10%, it is $240.9510, 1.6960, 2.3040$.

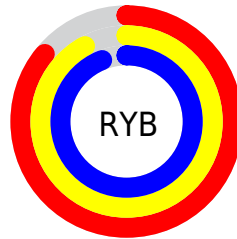
Distribution



Red (86%)

Green (94%)

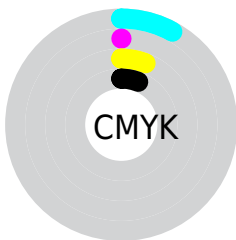
Blue (88%)



Red (86%)

Yellow (92%)

Blue (94%)

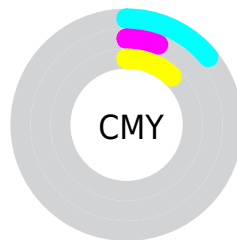


Cyan (8%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.7230, -6.8300, -8.3820 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 231.7230, -6.8300, -8.3820 by changing the saturation by 10% instead.

■ 231.7230, -6.8300,
-8.3820

■ 231.7230, -6.8300,
-8.3820

255.0000, -0.0000,
-0.0000

■ 203.7230, -6.8300,
-8.3820

■ 176.1360, -6.5550,
-7.8590

■ 149.4350, -5.9590,
-7.6470

■ 123.5490, -6.2800,
-7.3360

■ 98.8480, -5.6840,
-7.1240

■ 74.9620, -6.0050,
-6.8130

■ 52.2610, -5.4090,

-6.6010

■ 30.6740, -5.1340,
-6.0780

■ 9.3920, -4.4000,
-8.3680

■ 231.7230, -6.8300,
-8.3820

■ 231.7230, -6.8300,
-8.3820

■ 222.4950,
-15.3560, -19.0680

■ 240.9510, 1.6960,
2.3040

■ 213.3810,
-24.2030, -29.4430

■ 245.6080, 4.4000,
8.3680

■ 204.1530,
-32.7290, -40.1290

■ 195.0390,
-41.5760, -50.5040

■ 185.8110,
-50.1020, -61.1900

■ 176.8820,
-58.0320, -71.6640

■ 167.7680,
-66.8790, -82.0390

■ 158.5400,
-75.4050, -92.7250

■ 149.4260,
-84.2520, -103.1000

Harmonies

Analogous

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



233.0400, 2.5230, -7.1810



231.7230, -6.8300, -8.3820



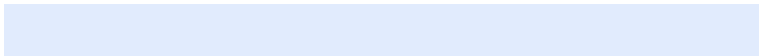
231.3570, -14.4870, -7.2790

Triad

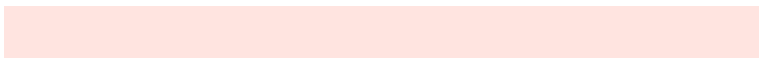
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.7230, -6.8300, -8.3820



234.0620, -11.7380, 3.4780



235.6170, 17.3760, 4.4800

Complementary

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



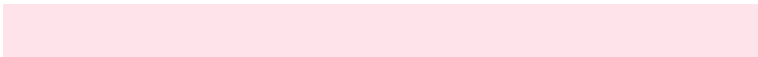
231.7230, -6.8300, -8.3820



227.2770, 6.8300, 8.3820

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.



236.4580, 13.5700, 7.3780



231.7230, -6.8300, -8.3820



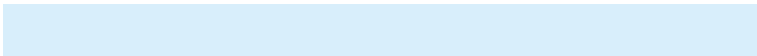
234.9600, -2.5230, 7.1810

Square

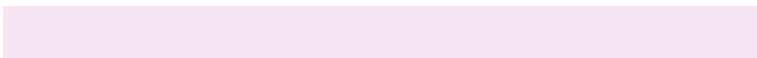
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



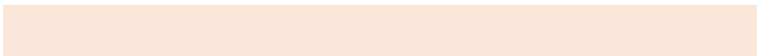
231.7230, -6.8300, -8.3820



232.9040, -17.2850, -0.6210



236.2770, 6.8300, 8.3820



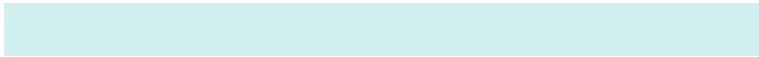
235.0850, 15.8180, -0.3260

Rectangle

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



231.7230, -6.8300, -8.3820



231.4430, -17.6050, -5.8370



236.2770, 6.8300, 8.3820



235.9590, 16.4130, 5.4130

Sweetspot

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



231.7230, -6.8300, -8.3820



253.0490, -1.6960, -2.3040



235.3390, 3.1190, -6.9690



126.8750, -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.



231.7230, -6.8300, -8.3820



245.3590, -8.8010, -11.2090



232.7490, -9.7190, -5.5830



115.3860, -4.2630, -5.3430



113.4800, -66.0080, -81.3040



34.5820, -20.2150, -24.6230

Inverse Universe

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



227.2770, 6.8300, 8.3820



239.5270, 9.1220, 10.8980



226.2510, 9.7190, 5.5830



112.6140, 4.2630, 5.3430



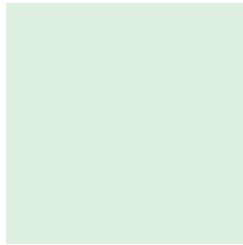
70.4060, 66.3290, 80.9930



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 231.7230, -6.8300, -8.3820 looks on a white background.

Color Contrast Check

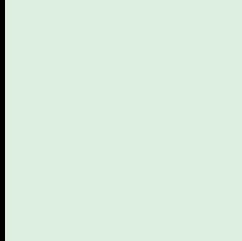
Large Text (above 18pt) WCAG AA × Fail

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 231.7230, -6.8300, -8.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

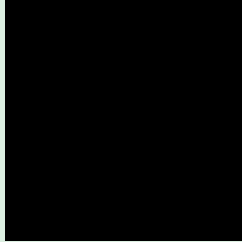
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

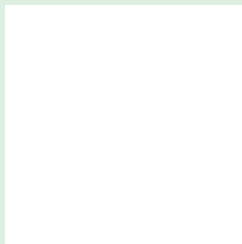
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.7230, -6.8300, -8.3820

Background



This preview shows how black text looks on a background with the YIQ color 231.7230, -6.8300, -8.3820.



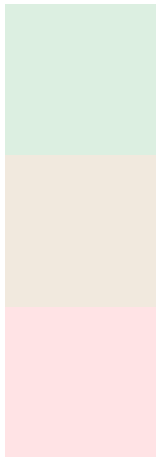
This preview shows how white text looks on a background with the YIQ color 231.7230, -6.8300,

-8.3820.

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

231.7230, -6.8300, -8.3820

Protanopia

234.1380, 8.2990, -1.7250

Deuteranopia

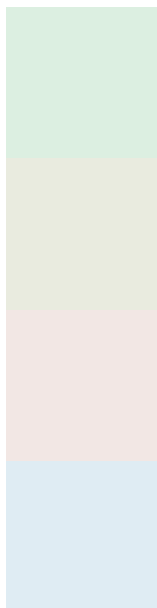
235.6000, 16.0460, 6.5580



Tritanopia

234.0620, -11.7380, 3.4780

Trichromacy



Original Color

231.7230, -6.8300, -8.3820

Protanomaly

233.0340, 2.6600, -4.1560

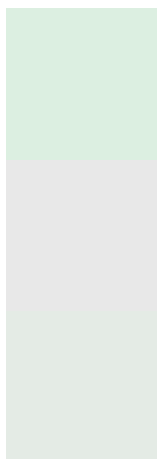
Deuteranomaly

233.9470, 7.5190, 1.3990

Tritanomaly

232.9110, -9.9950, -0.5790

Monochromacy



Original Color

231.7230, -6.8300, -8.3820

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.2230, -2.2460, -3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.7230, -6.8300, -8.3820 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(220, 239, 225)` looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 225)  
}
```

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(220, 239, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 225) }
```

Border

The CSS property to change the border of an element to YIQ 231.7230, -6.8300, -8.3820 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(220, 239, 225) }
```


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

```
.border{ border-color:rgb(220, 239, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 239, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 239, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 239, 225); box-shadow:4px 4px 4px 4px rgb(220, 239, 225) }
```

Background

The CSS property to change the background color of an element to YIQ 231.7230, -6.8300, -8.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 225) }
```

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

```
.background{ background-color: rgb(220,  
239, 225) }
```

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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