

Converting Colors

YIQ(230.3100, -7.1050, -8.9050)

Have a look what the booklet for
YIQ(230.3100, -7.1050, -8.9050)
contains.

YIQ(230.3100, -7.1050, -8.9050)	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(230.3100, -7.1050,
-8.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEEDF
RGB	218, 238, 223
RGB Percent	85%, 93%, 87%
CMY	0.1451, 0.0666, 0.1255
CMYK	0.08, 0.00, 0.06, 0.07
HSL	135°, 37%, 89%
HSV	135°, 8%, 93%
XYZ	72.8048, 81.3846, 81.6806
YIQ	230.3100, -7.1050, -8.9050

Conversions

Conversions Part 2

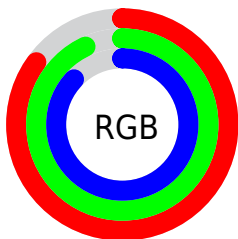
Format	Color
R _Y B	218, 234, 238
Decimal	14347999
CIE Lab	92.30, -9.34, 5.00
CIE LCh	92, 10.592, 151.815
Yxy	81.3846, 0.3087, 0.3450
Android (android.graphics.Color)	4292538079 (0xFFDAEEDF)
YUV	230.3100, -3.6038, -10.7959
Hunter-Lab	90.2134, -13.8189, 9.4673

Details

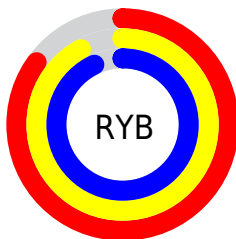
The YIQ color $230.3100, -7.1050, -8.9050$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.6900, 7.1050, 8.9050$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.7230, -6.8300, -8.3820$ is the 20% darker color. If you saturate the color by 10%, you get $221.0820, -15.6310, -19.5910$, and if you desaturate by 10%, it is $239.5380, 1.4210, 1.7810$.

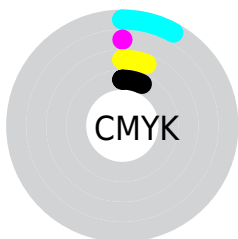
Distribution



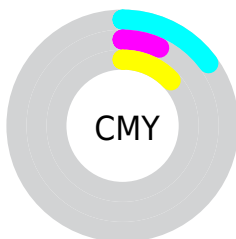
- Red (85%)
- Green (93%)
- Blue (87%)



- Red (85%)
- Yellow (92%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.3100, -7.1050, -8.9050 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 230.3100, -7.1050, -8.9050 by changing the saturation by 10% instead.

■ 230.3100, -7.1050,
-8.9050

■ 230.3100, -7.1050,
-8.9050

255.0000, -0.0000,
-0.0000

■ 202.3100, -7.1050,
-8.9050

■ 174.7230, -6.8300,
-8.3820

■ 148.0220, -6.2340,
-8.1700

■ 122.1360, -6.5550,
-7.8590

■ 97.4350, -5.9590,
-7.6470

■ 73.5490, -6.2800,
-7.3360

■ 50.9620, -6.0050,

-6.8130

■ 29.3750, -5.7300,
-6.2900

■ 8.8050, -4.1250,
-7.8450

■ 230.3100, -7.1050,
-8.9050

■ 230.3100, -7.1050,
-8.9050

■ 221.0820,
-15.6310, -19.5910

■ 239.5380, 1.4210,
1.7810

■ 211.8540,
-24.1570, -30.2770

■ 245.0210, 4.6750,
8.8910

■ 202.9250,
-32.0870, -40.7510

■ 193.8110,
-40.9340, -51.1260

■ 184.5830,
-49.4600, -61.8120

■ 175.3550,
-57.9860, -72.4980

■ 166.1270,
-66.5120, -83.1840

■ 157.1980,
-74.4420, -93.6580

■ 147.9700,
-82.9680, -104.3440

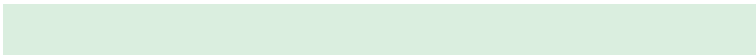
Harmonies

Analogous

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



231.6270, 2.2480, -7.7040



230.3100, -7.1050, -8.9050



229.6450, -15.3580, -8.0140

Triad

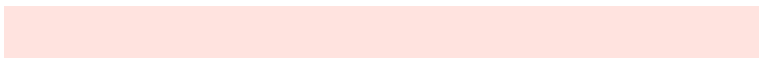
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.3100, -7.1050, -8.9050



232.8770, -12.6550, 3.5770



234.9160, 17.9720, 4.6920

Complementary

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



230.3100, -7.1050, -8.9050



225.6900, 7.1050, 8.9050

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.



235.1700, 14.4410, 8.1130



230.3100, -7.1050, -8.9050



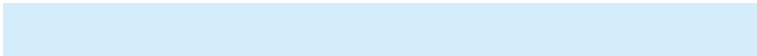
234.0740, -2.8440, 7.4920

Square

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



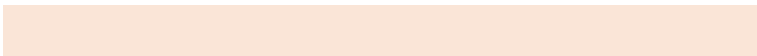
230.3100, -7.1050, -8.9050



231.3060, -18.4770, -1.0450



234.8040, 6.7840, 9.2160



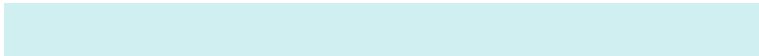
233.6830, 17.0100, 0.0980

Rectangle

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



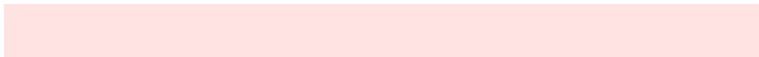
230.3100, -7.1050, -8.9050



229.8450, -18.7970, -6.2610



234.8040, 6.7840, 9.2160



234.6710, 17.2840, 6.1480

Sweetspot

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



230.3100, -7.1050, -8.9050



251.9240, -2.8420, -3.5620



234.2250, 3.4400, -7.2800



125.7500, -2.2920, -2.5160



0.0000, 0.0000, 0.0000



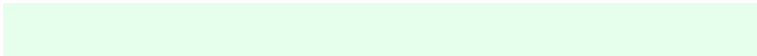
128.0000, -0.0000, -0.0000

Same Dimension

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



230.3100, -7.1050, -8.9050



245.3590, -8.8010, -11.2090



231.4500, -10.3150, -5.7950



115.3860, -4.2630, -5.3430



113.2520, -65.3660, -81.9260



34.4680, -19.8940, -24.9340

Inverse Universe

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



225.6900, 7.1050, 8.9050



239.6410, 8.8010, 11.2090



224.5500, 10.3150, 5.7950



112.6140, 4.2630, 5.3430



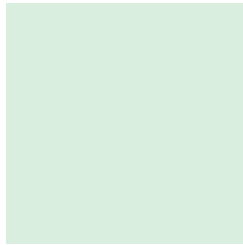
70.7480, 65.3660, 81.9260



21.5320, 19.8940, 24.9340

Previews

White Background



This preview shows how the YIQ color 230.3100, -7.1050, -8.9050 looks on a white background.

Color Contrast Check

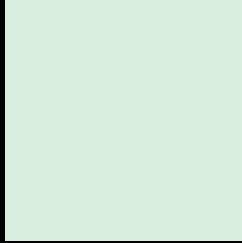
Large Text (above 18pt) WCAG AA × Fail

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 230.3100, -7.1050, -8.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

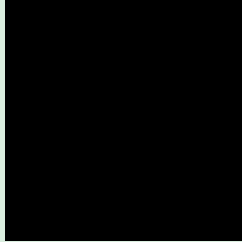
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

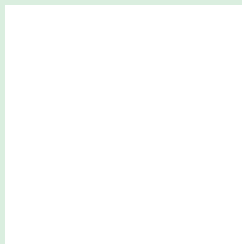
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.3100, -7.1050, -8.9050

Background



This preview shows how black text looks on a background with the YIQ color 230.3100, -7.1050, -8.9050.



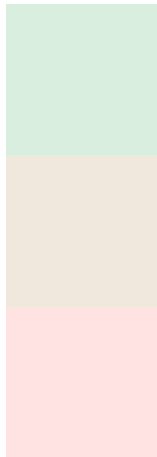
This preview shows how white text looks on a background with the YIQ color 230.3100, -7.1050, -8.9050.

-8.9050.

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

230.3100, -7.1050, -8.9050

Protanopia

233.0240, 8.6200, -2.0360

Deuteranopia

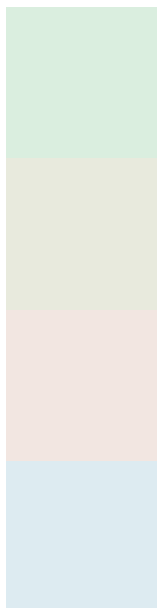
234.6710, 17.2840, 6.1480



Tritanopia

232.7630, -12.3340, 3.2660

Trichromacy



Original Color

230.3100, -7.1050, -8.9050

Protanomaly

231.9200, 2.9810, -4.4670

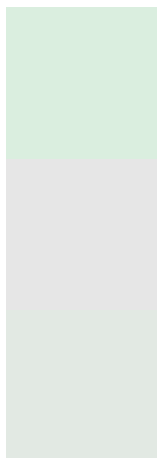
Deuteranomaly

233.0180, 8.7570, 0.9890

Tritanomaly

231.4980, -10.2700, -1.1020

Monochromacy



Original Color

230.3100, -7.1050, -8.9050

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.2230, -2.2460, -3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.3100, -7.1050, -8.9050 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(218, 238, 223)` looks like.

```
.text, #text, p{  
    color:rgb(218, 238, 223)  
}
```

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(218, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 238, 223) }
```

Border

The CSS property to change the border of an element to YIQ 230.3100, -7.1050, -8.9050 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(218, 238, 223) }
```


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

```
.border{ border-color:rgb(218, 238, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 238, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(218, 238,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 230.3100, -7.1050, -8.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 238, 223) }
```

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

```
.background{ background-color: rgb(218,  
238, 223) }
```

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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