

# Converting Colors

YIQ(222.9230, -36.6320,  
-7.9280)

Have a look what the booklet for  
YIQ(222.9230, -36.6320, -7.9280)  
contains.

<b>YIQ(222.9230, -36.6320, -7.9280)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(222.9230, -36.6320,  
-7.9280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7EEFA
RGB	183, 238, 250
RGB Percent	72%, 93%, 98%
CMY	0.2825, 0.0666, 0.0198
CMYK	0.27, 0.05, 0.00, 0.02
HSL	191°, 87%, 85%
HSV	191°, 27%, 98%
XYZ	67.3514, 78.1256, 101.9400
YIQ	222.9230, -36.6320, -7.9280

# Conversions

## Conversions Part 2

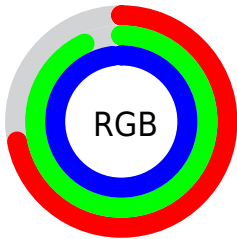
Format	Color
R <sub>Y</sub> B	183, 213, 250
Decimal	12054266
CIE Lab	90.84, -14.74, -11.45
CIE LCh	91, 18.667, 217.847
Yxy	78.1256, 0.2722, 0.3158
Android (android.graphics.Color)	4290244346 (0xFFB7EEFA)
YUV	222.9230, 13.3490, -35.0125
Hunter-Lab	88.3887, -18.6649, -6.5080

# Details

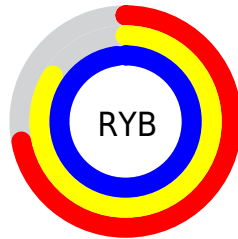
The YIQ color **222.9230, -36.6320, -7.9280** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **210.0770, 36.6320, 7.9280**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.5150, -8.9400, -3.1800**, and **167.2220, -36.0360, -7.7160** is the 20% darker color. If you saturate the color by 10%, you get **213.1000, -50.4320, -11.1360**, and if you desaturate by 10%, it is **232.7460, -22.8320, -4.7200**.

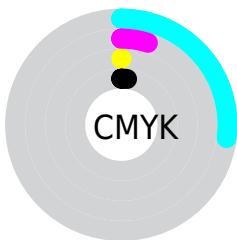
# Distribution



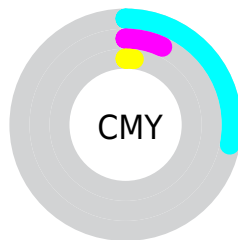
- Red (72%)
- Green (93%)
- Blue (98%)



- Red (72%)
- Yellow (84%)
- Blue (98%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (7%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 222.9230, -36.6320, -7.9280 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 222.9230, -36.6320, -7.9280 by changing the saturation by 10% instead.



■ 222.9230,  
-36.6320, -7.9280

■ 222.9230,  
-36.6320, -7.9280

255.0000, -0.0000,  
-0.0000

■ 194.8090,  
-36.3110, -8.2390

■ 250.5150, -8.9400,  
-3.1800

■ 167.2220,  
-36.0360, -7.7160

■ 140.4070,  
-35.1190, -7.8150

■ 114.1080,  
-35.7150, -8.0270

■ 88.6950, -35.9900,  
-8.5500

■ 63.2000, -38.9700,  
-9.6100

■ 41.0970, -37.1820,

-8.9740

■ 25.5610, -23.7490,  
-4.6210

■ 6.8450, -9.6290,  
3.8030

■ 222.9230,  
-36.6320, -7.9280

■ 222.9230,  
-36.6320, -7.9280

■ 213.1000,  
-50.4320, -11.1360

■ 232.7460,  
-22.8320, -4.7200

■ 202.6900,  
-63.9570, -13.8210

■ 243.1560, -9.3070,  
-2.0350

■ 192.8670,  
-77.7570, -17.0290

■ 252.0820, 2.7050,  
0.5370

■ 182.4570,  
-91.2820, -19.7140

■ 254.4300, 1.6050,  
-1.5550

■ 172.6340,  
-105.0820, -22.9220

■ 162.2240,  
-118.6070, -25.6070

■ 152.4010,  
-132.4070, -28.8150

■ 148.8350,  
-136.6250, -29.4650

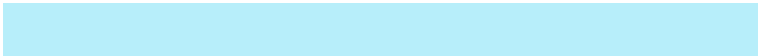
# Harmonies

## Analogous

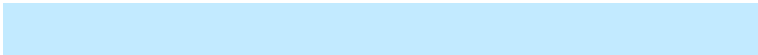
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.1700, -30.2580, -13.3140



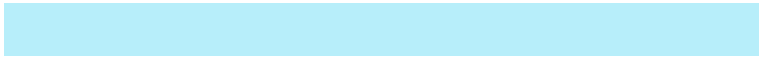
222.9230, -36.6320, -7.9280



224.4340, -30.5810, -1.9490

# Triad

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



222.9230, -36.6320, -7.9280



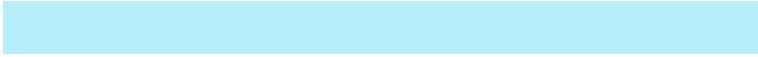
231.9130, 14.0270, 15.6190



227.5870, 16.9200, -9.2880

# Complementary

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



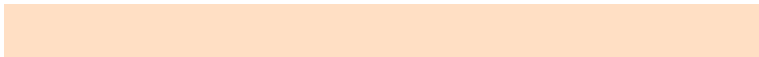
222.9230, -36.6320, -7.9280



210.0770, 36.6320, 7.9280

# 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.



229.4900, 27.7390, -1.6130



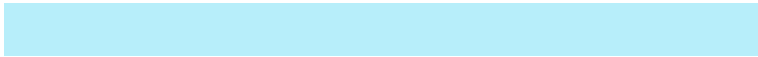
222.9230, -36.6320, -7.9280



228.6870, 20.3550, 11.0670

# Square

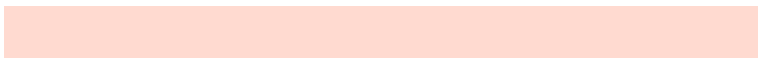
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



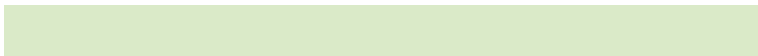
222.9230, -36.6320, -7.9280



231.1330, -1.3320, 13.1320



227.9230, 25.2620, 4.7340

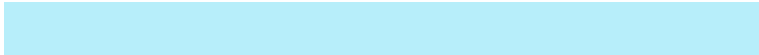


225.3400, 1.3780, -13.9660

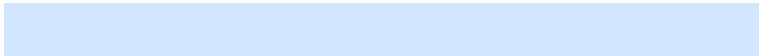


# Rectangle

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



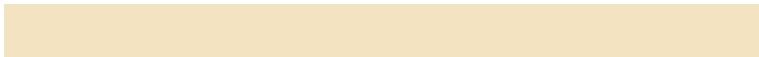
222.9230, -36.6320, -7.9280



226.8590, -21.4120, 2.5880



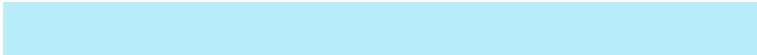
227.9230, 25.2620, 4.7340



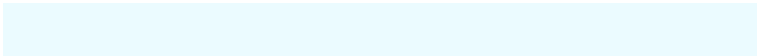
228.2070, 21.0460, -6.9700

# Sweetspot

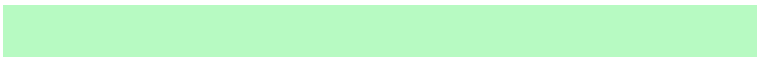
The Sweet Spot groups the original color and five complimentary colors.



222.9230, -36.6320, -7.9280



246.6720, -10.8200, -2.1480



223.5830, -21.9560, -31.6200



122.3520, -6.9230, -1.1870



0.0000, 0.0000, 0.0000

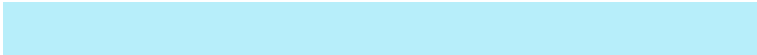


128.0000, -0.0000, -0.0000

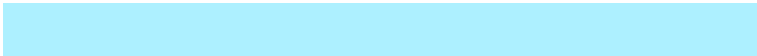


# Same Dimension

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



222.9230, -36.6320, -7.9280



221.6770, -44.7470, -9.5390



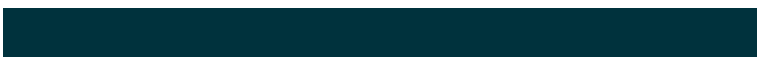
203.5520, -27.5570, 9.3310



119.9390, -7.1980, -1.7100



112.5310, -103.2940, -22.2860



36.3040, -33.3310, -7.1790



# Inverse Universe

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



209.3030, 22.2770, 31.3090



205.1560, 27.3650, 38.2210



229.4480, 27.5570, -9.3310



117.1410, 4.2170, 6.1770



74.1810, 62.8890, 88.2730

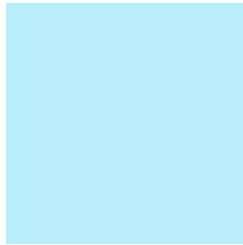


23.9390, 20.3060, 28.4820



# Previews

## White Background



This preview shows how the YIQ color 222.9230, -36.6320, -7.9280 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

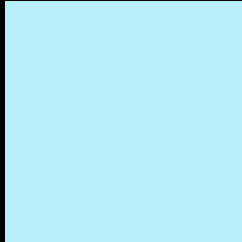
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 222.9230, -36.6320, -7.9280 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

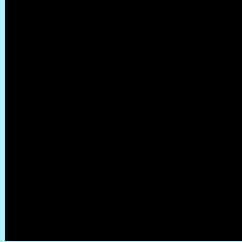
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 222.9230, -36.6320, -7.9280

## Background



This preview shows how black text looks on a background with the YIQ color 222.9230, -36.6320, -7.9280.



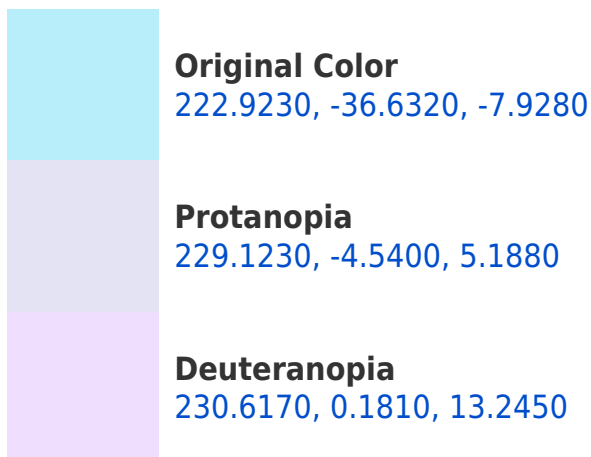
This preview shows how white text looks on a background with the YIQ color 222.9230, -36.6320, -7.9280.

-7.9280.

# 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

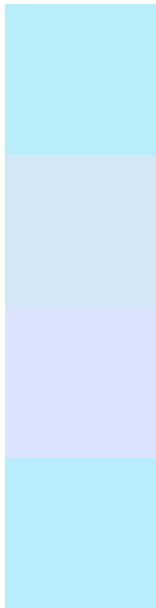




## Tritanopia

223.8030, -36.1740, -5.2140

# Trichromacy



## Original Color

222.9230, -36.6320, -7.9280

## Protanomaly

227.0290, -16.1390, 0.6370

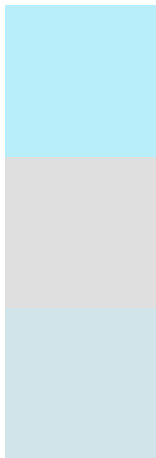
## Deuteranomaly

228.0450, -13.0680, 5.5560

## Tritanomaly

223.2760, -36.1280, -6.0480

# Monochromacy



## Original Color

222.9230, -36.6320, -7.9280

## Achromatopsia

223.0000, -0.0000, -0.0000

## Achromatomaly

222.5900, -13.5250, -2.6850

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 222.9230, -36.6320, -7.9280 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(183, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(183, 238, 250)  
}
```

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(183, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 238, 250) }
```

## Border

The CSS property to change the border of an element to YIQ 222.9230, -36.6320, -7.9280 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(183, 238, 250) }
```



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

```
.border{ border-color:rgb(183, 238, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 238, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(183, 238,  
250) }
```

# Background

The CSS property to change the background color of an element to YIQ 222.9230, -36.6320, -7.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 238, 250) }
```

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

```
.background{ background-color: rgb(183,  
238, 250) }
```

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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