

Converting Colors

YIQ(213.2370, -31.2240, 4.2000)

Have a look what the booklet for
YIQ(213.2370, -31.2240, 4.2000)
contains.

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Color

**YIQ(213.2370, -31.2240,
4.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	BADBFF
RGB	186, 219, 255
RGB Percent	73%, 86%, 100%
CMY	0.2706, 0.1411, 0.0001
CMYK	0.27, 0.14, 0.00, 0.00
HSL	211°, 100%, 86%
HSV	211°, 27%, 100%
XYZ	63.6252, 68.3251, 104.4097
YIQ	213.2370, -31.2240, 4.2000

Conversions

Conversions Part 2

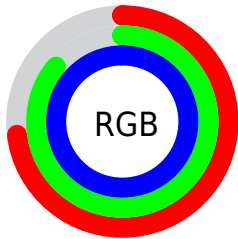
Format	Color
RYB	186, 208, 255
Decimal	12246015
CIELab	86.17, -2.99, -21.07
CIELCh	86, 21.281, 261.911
Yxy	68.3251, 0.2692, 0.2891
Android (android.graphics.Color)	4290436095 (0xFFBADBFF)
YUV	213.2370, 20.5892, -23.8868
Hunter-Lab	82.6590, -7.2564, -17.0301

Details

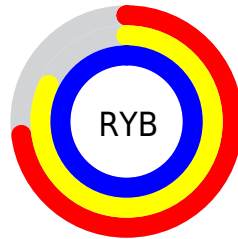
The YIQ color **213.2370, -31.2240, 4.2000** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **227.7630, 31.2240, -4.2000**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4120, -7.1520, -2.5440**, and **158.0090, -30.5820, 3.5780** is the 20% darker color. If you saturate the color by 10%, you get **197.8320, -43.1450, 5.4870**, and if you desaturate by 10%, it is **228.3430, -19.8990, 2.7010**.

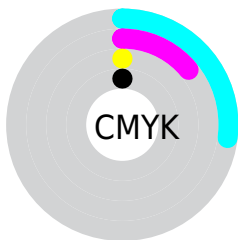
Distribution



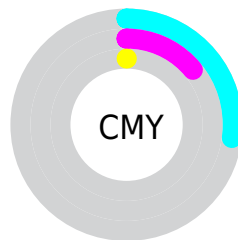
- Red (73%)
- Green (86%)
- Blue (100%)



- Red (73%)
- Yellow (82%)
- Blue (100%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.2370, -31.2240, 4.2000 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 213.2370, -31.2240, 4.2000 by changing the saturation by 10% instead.

■ 213.2370,
-31.2240, 4.2000

■ 213.2370,
-31.2240, 4.2000

■ 255.0000, -0.0000,
-0.0000

■ 185.1230,
-30.9030, 3.8890

■ 251.4120, -7.1520,
-2.5440

■ 158.0090,
-30.5820, 3.5780

■ 131.8950,
-30.2610, 3.2670

■ 106.3680,
-30.2150, 2.4330

■ 81.3680, -30.2150,
2.4330

■ 56.9440, -31.9570,
0.9630

■ 33.2210, -34.2950,

-0.7190

■ 18.8590, -21.4120,
2.5880

■ 3.6650, -8.9420,
7.8740

■ 213.2370,
-31.2240, 4.2000

■ 213.2370,
-31.2240, 4.2000

■ 197.8320,
-43.1450, 5.4870

■ 228.3430,
-19.8990, 2.7010

■ 182.1390,
-54.1950, 7.5090

■ 244.3350, -8.2530,
0.8910

■ 167.0330,
-65.5200, 9.0080

255.0000, -0.0000,
-0.0000

■ 151.6280,
-77.4410, 10.2950

■ 136.5220,
-88.7660, 11.7940

■ 120.5300,
-100.4120, 13.6040

■ 105.4240,
-111.7370, 15.1030

■ 100.6840,
-115.4050, 15.4990

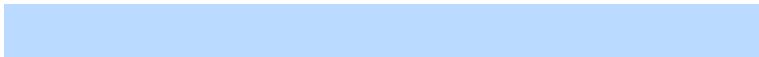
Harmonies

Analogous

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



209.5790, -41.3550, -4.9310



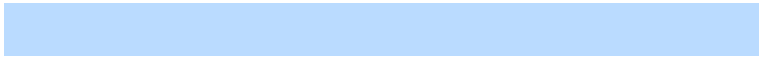
213.2370, -31.2240, 4.2000



216.6740, -13.1610, 12.7510

Triad

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



213.2370, -31.2240, 4.2000



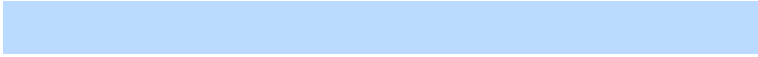
217.7330, 31.9090, 10.9250



210.5560, -8.1580, -17.3580

Complementary

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



213.2370, -31.2240, 4.2000



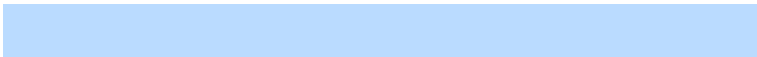
227.7630, 31.2240, -4.2000

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.



213.1300, 10.7770, -13.5990



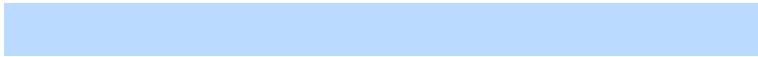
213.2370, -31.2240, 4.2000



217.3600, 34.1570, 3.2210

Square

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



213.2370, -31.2240, 4.2000



219.5290, 23.9760, 17.0320



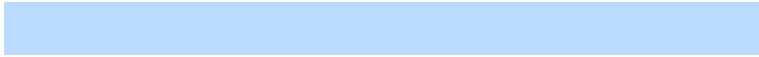
215.3710, 26.4560, -5.8960



208.5030, -27.0020, -17.2580

Rectangle

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



213.2370, -31.2240, 4.2000



218.6110, 0.3180, 16.2700



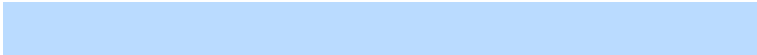
215.3710, 26.4560, -5.8960



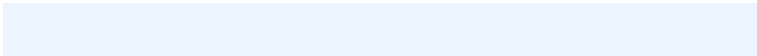
211.7910, -1.5100, -16.6940

Sweetspot

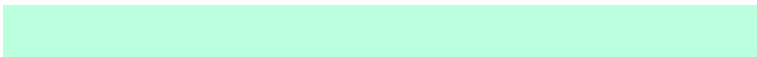
The Sweet Spot groups the original color and five complimentary colors.



213.2370, -31.2240, 4.2000



242.5630, -8.8950, 1.5130



230.6070, -30.5310, -24.8910



120.0040, -5.8230, 0.9050



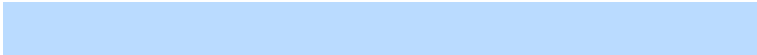
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



213.2370, -31.2240, 4.2000



205.2410, -37.0470, 5.1050



194.1650, -21.5530, 21.6710



120.0040, -5.8230, 0.9050



75.7780, -86.6110, 11.2850



25.4930, -29.0690, 3.6910

Inverse Universe

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



210.3930, 30.5310, 24.8910



201.9640, 36.3530, 29.5130



246.8350, 21.5530, -21.6710



119.5710, 5.8220, 4.6220



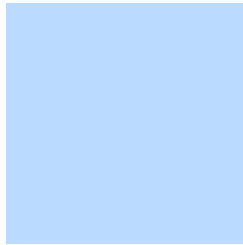
67.5970, 84.3040, 69.1040



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 213.2370, -31.2240, 4.2000 looks on a white background.

Color Contrast Check

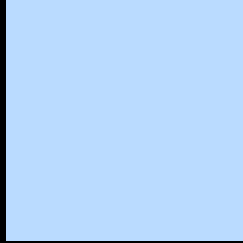
Large Text (above 18pt) WCAG AA × Fail

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 213.2370, -31.2240, 4.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

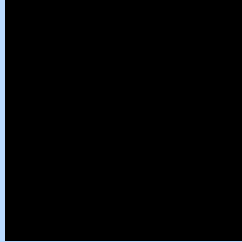
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

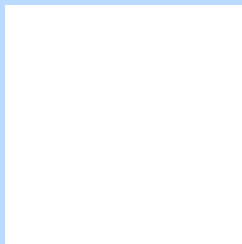
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.2370, -31.2240, 4.2000

Background



This preview shows how black text looks on a background with the YIQ color 213.2370, -31.2240, 4.2000.



This preview shows how white text looks on a background with the YIQ color 213.2370, -31.2240,

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

213.2370, -31.2240, 4.2000

Protanopia

215.8370, -15.1780, 10.7580

Deuteranopia

216.9240, -10.8690, 15.2670



Tritanopia

212.2770, -28.7010, -2.9810

Trichromacy



Original Color

213.2370, -31.2240, 4.2000

Protanomaly

214.7330, -20.8170, 8.3270

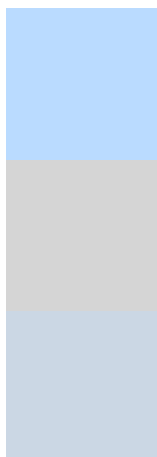
Deuteranomaly

215.3960, -18.2500, 11.3660

Tritanomaly

212.6730, -29.7560, -0.3800

Monochromacy



Original Color

213.2370, -31.2240, 4.2000

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8940, -11.3250, 1.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.2370, -31.2240, 4.2000 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(186, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 219, 255)  
}
```

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(186, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 219, 255) }
```

Border

The CSS property to change the border of an element to YIQ 213.2370, -31.2240, 4.2000 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(186, 219, 255) }
```


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

```
.border{ border-color:rgb(186, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 213.2370, -31.2240, 4.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 219, 255) }
```

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

```
.background{ background-color: rgb(186,  
219, 255) }
```

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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