

Converting Colors

YIQ(229.9200, -23.3820,
-5.7660)

Have a look what the booklet for
YIQ(229.9200, -23.3820, -5.7660)
contains.

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Color

**YIQ(229.9200, -23.3820,
-5.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF0F6
RGB	204, 240, 246
RGB Percent	80%, 94%, 96%
CMY	0.2001, 0.0587, 0.0354
CMYK	0.17, 0.02, 0.00, 0.04
HSL	189°, 70%, 88%
HSV	189°, 17%, 96%
XYZ	72.6914, 81.8158, 99.1296
YIQ	229.9200, -23.3820, -5.7660

Conversions

Conversions Part 2

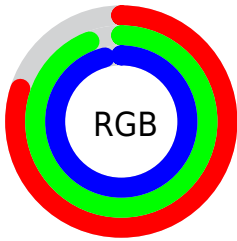
Format	Color
RYB	204, 223, 246
Decimal	13431030
CIELab	92.49, -10.40, -6.78
CIElCh	92, 12.414, 213.120
Yxy	81.8158, 0.2866, 0.3226
Android (android.graphics.Color)	4291621110 (0xFFCCCF0F6)
YUV	229.9200, 7.9274, -22.7318
Hunter-Lab	90.4521, -14.8405, -1.6615

Details

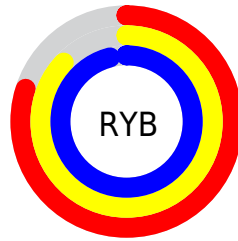
The YIQ color $229.9200, -23.3820, -5.7660$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.0800, 23.3820, 5.7660$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.2190, -22.7860, -5.5540$ is the 20% darker color. If you saturate the color by 10%, you get $220.6840, -37.4570, -9.4970$, and if you desaturate by 10%, it is $239.7430, -9.5820, -2.5580$.

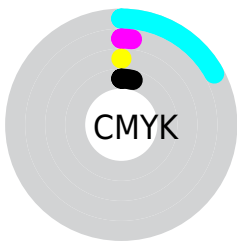
Distribution



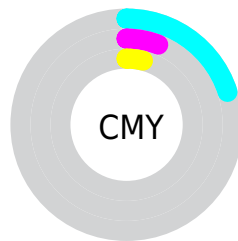
- Red (80%)
- Green (94%)
- Blue (96%)



- Red (80%)
- Yellow (87%)
- Blue (96%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.9200, -23.3820, -5.7660 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 229.9200, -23.3820, -5.7660 by changing the saturation by 10% instead.

■ 229.9200,
-23.3820, -5.7660

■ 229.9200,
-23.3820, -5.7660

255.0000, -0.0000,
-0.0000

■ 201.9200,
-23.3820, -5.7660

■ 174.2190,
-22.7860, -5.5540

■ 147.5180,
-22.1900, -5.3420

■ 121.4040,
-21.8690, -5.6530

■ 96.7030, -21.2730,
-5.4410

■ 72.7030, -21.2730,
-5.4410

■ 49.2900, -21.5480,

-5.9640

■ 26.8060, -23.0610,
-6.0770

■ 12.3730, -11.4160,
-2.3600

■ 229.9200,
-23.3820, -5.7660

■ 229.9200,
-23.3820, -5.7660

■ 220.6840,
-37.4570, -9.4970

■ 239.7430, -9.5820,
-2.5580

■ 211.1600,
-50.6610, -12.4930

■ 248.6800, 3.8970,
0.9610

■ 201.9240,
-64.7360, -16.2240

■ 251.0390, 4.2640,
-0.1840

■ 192.4000,
-77.9400, -19.2200

■ 253.3870, 3.1640,
-2.2760

■ 183.1640,
-92.0150, -22.9510

■ 253.9740, 2.8890,
-2.7990

■ 173.3410,
-105.8150, -26.1590

■ 164.4040,
-119.2940, -29.6780

■ 154.5810,
-133.0940, -32.8860

■ 151.9010,
-136.9910, -33.8470

Harmonies

Analogous

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



229.7370, -18.6130, -9.5970



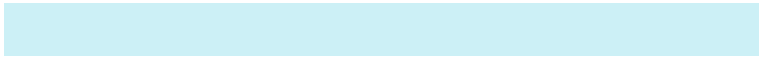
229.9200, -23.3820, -5.7660



231.4520, -21.8240, -0.9600

Triad

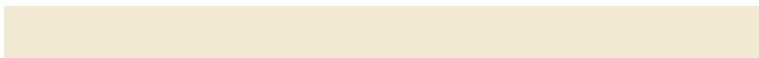
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.9200, -23.3820, -5.7660



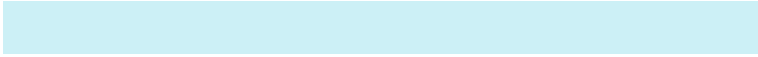
235.8150, 8.2510, 10.1630



233.0690, 12.7470, -5.2450

Complementary

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



229.9200, -23.3820, -5.7660



220.0800, 23.3820, 5.7660

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.



234.3520, 19.4400, 0.1120



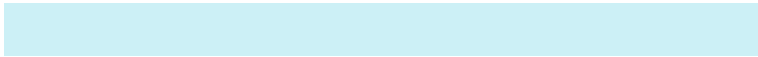
229.9200, -23.3820, -5.7660



234.8820, 15.3120, 8.8480

Square

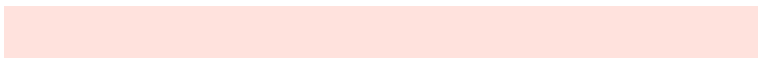
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.9200, -23.3820, -5.7660



235.0140, -2.6150, 8.8490



234.1010, 18.8890, 4.5930



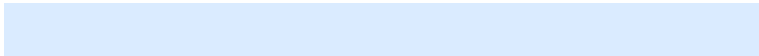
231.8720, 2.9360, -9.1600

Rectangle

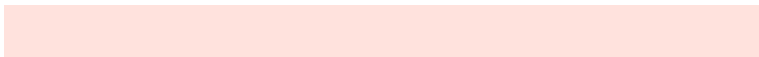
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



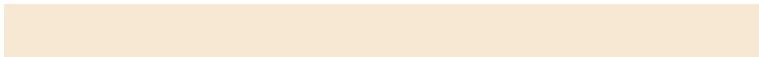
229.9200, -23.3820, -5.7660



232.1970, -16.5520, 2.6160



234.1010, 18.8890, 4.5930



233.6780, 15.4060, -3.8740

Sweetspot

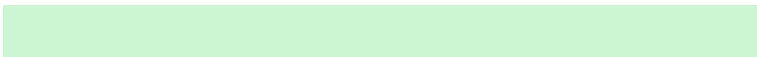
The Sweet Spot groups the original color and five complimentary colors.



229.9200, -23.3820, -5.7660



249.9390, -7.1980, -1.7100



229.3380, -13.4760, -20.1000



124.4340, -4.2180, -0.6500



0.0000, 0.0000, 0.0000



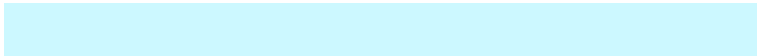
128.0000, -0.0000, -0.0000

Same Dimension

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



229.9200, -23.3820, -5.7660



235.6420, -28.4710, -7.1510



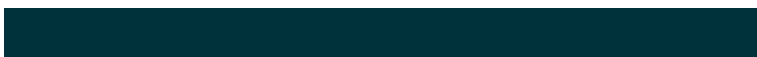
217.5930, -17.6070, 5.2170



117.8250, -6.8770, -2.0210



115.1240, -103.7060, -25.8340



36.0760, -32.6890, -7.8010

Inverse Universe

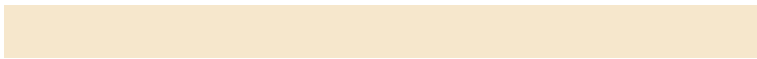
The Inverse Universe completely reimagines the original color for something new.



220.6620, 13.4760, 20.1000



224.2650, 16.2720, 24.4960



232.4070, 17.6070, -5.2170



114.8420, 3.6210, 5.9650



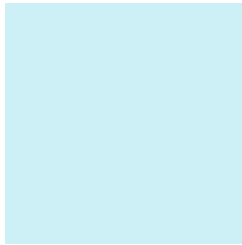
73.8540, 59.4960, 89.1920



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 229.9200, -23.3820, -5.7660 looks on a white background.

Color Contrast Check

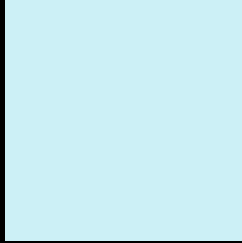
Large Text (above 18pt) WCAG AA × Fail

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 229.9200, -23.3820, -5.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

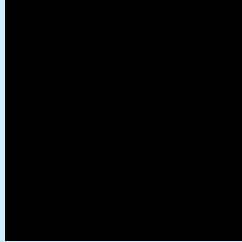
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.9200, -23.3820, -5.7660

Background



This preview shows how black text looks on a background with the YIQ color 229.9200, -23.3820, -5.7660.



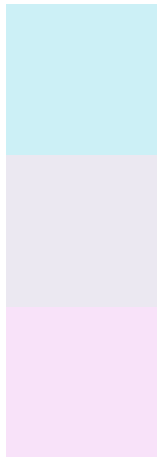
This preview shows how white text looks on a background with the YIQ color 229.9200, -23.3820, -5.7660.

-5.7660.

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

229.9200, -23.3820, -5.7660

Protanopia

233.9230, -1.1010, 3.4350

Deuteranopia

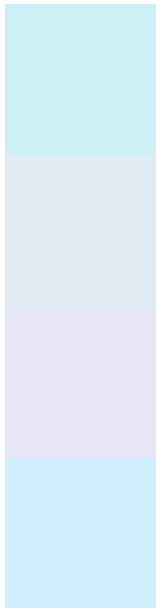
235.2000, 5.7290, 11.8170



Tritanopia

231.2670, -22.7410, -0.8610

Trichromacy



Original Color

229.9200, -23.3820, -5.7660

Protanomaly

232.6230, -9.1240, 0.1560

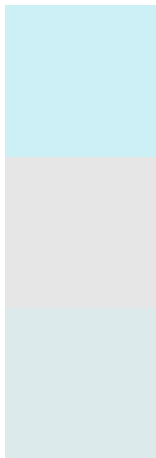
Deuteranomaly

233.2370, -4.8610, 5.4990

Tritanomaly

230.9140, -23.2450, -2.7410

Monochromacy



Original Color

229.9200, -23.3820, -5.7660

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.3410, -8.3900, -2.1340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.9200, -23.3820, -5.7660 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(204, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(204, 240, 246)  
}
```

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(204, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 240, 246) }
```

Border

The CSS property to change the border of an element to YIQ 229.9200, -23.3820, -5.7660 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(204, 240, 246) }
```


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

```
.border{ border-color:rgb(204, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(204, 240,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 229.9200, -23.3820, -5.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 240, 246) }
```

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

```
.background{ background-color: rgb(204,  
240, 246) }
```

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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