

Converting Colors

YIQ(201.7450, -21.0910, 2.2770)

Have a look what the booklet for
YIQ(201.7450, -21.0910, 2.2770)
contains.

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Color

**YIQ(201.7450, -21.0910,
2.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CEE5
RGB	183, 206, 229
RGB Percent	72%, 81%, 90%
CMY	0.2824, 0.1921, 0.1021
CMYK	0.20, 0.10, 0.00, 0.10
HSL	210°, 47%, 81%
HSV	210°, 20%, 90%
XYZ	55.7389, 59.8690, 82.7279
YIQ	201.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

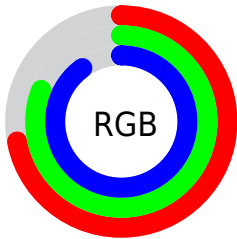
Format	Color
R_{YB}	183, 198, 229
Decimal	12046053
CIE _{Lab}	81.77, -2.90, -13.94
CIE _{LCh}	82, 14.233, 258.263
Yxy	59.8690, 0.2810, 0.3019
Android (android.graphics.Color)	4290236133 (0xFFB7CEE5)
YUV	201.7450, 13.4367, -16.4394
Hunter-Lab	77.3751, -6.8199, -9.2292

Details

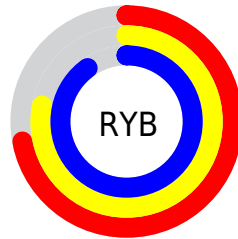
The YIQ color $201.7450, -21.0910, 2.2770$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.2550, 21.0910, -2.2770$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2160, -9.5360, -3.3920$, and $147.6310, -20.7700, 1.9660$ is the 20% darker color. If you saturate the color by 10%, you get $188.4110, -31.7740, 3.1540$, and if you desaturate by 10%, it is $215.0790, -10.4080, 1.4000$.

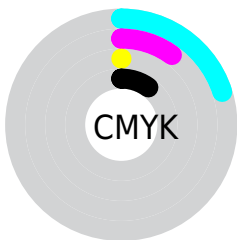
Distribution



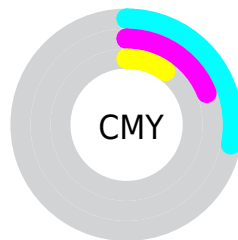
- Red (72%)
- Green (81%)
- Blue (90%)



- Red (72%)
- Yellow (78%)
- Blue (90%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.7450, -21.0910, 2.2770 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 201.7450, -21.0910, 2.2770 by changing the saturation by 10% instead.

■ 201.7450,
-21.0910, 2.2770

■ 201.7450,
-21.0910, 2.2770

■ 255.0000, -0.0000,
-0.0000

■ 174.6310,
-20.7700, 1.9660

■ 250.2160, -9.5360,
-3.3920

■ 147.6310,
-20.7700, 1.9660

■ 121.8160,
-19.8530, 1.8670

■ 96.7020, -19.5320,
1.5560

■ 72.5880, -19.2110,
1.2450

■ 49.5880, -19.2110,
1.2450

■ 27.1640, -20.9530,

-0.2250

■ 9.1760, -12.0590,
3.7890

■ 0.0000, 0.0000,
0.0000

■ 201.7450,
-21.0910, 2.2770

■ 201.7450,
-21.0910, 2.2770

■ 188.4110,
-31.7740, 3.1540

■ 215.0790,
-10.4080, 1.4000

■ 174.4900,
-42.1820, 4.5540

■ 229.0000, -0.0000,
-0.0000

■ 161.1560,
-52.8650, 5.4310

■ 242.3340, 10.6830,
-0.8770

■ 147.2350,
-63.2730, 6.8310

■ 250.2750, 9.1710,
-6.5170

■ 134.2000,
-73.3600, 7.9200

■ 252.0360, 8.3460,
-8.0860

■ 120.2790,
-83.7680, 9.3200

■ 106.9450,
-94.4510, 10.1970

■ 93.6110,
-105.1340, 11.0740

Harmonies

Analogous

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



199.5330, -26.5460, -3.4900



201.7450, -21.0910, 2.2770



204.0670, -10.1340, 7.4500

Triad

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



201.7450, -21.0910, 2.2770



205.4760, 22.3270, 8.3670



200.5830, -3.6200, -11.4920

Complementary

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



201.7450, -21.0910, 2.2770



210.2550, 21.0910, -2.2770

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.



201.9220, 8.6670, -8.3970



201.7450, -21.0910, 2.2770



205.0860, 23.2450, 2.7410

Square

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



201.7450, -21.0910, 2.2770



206.1640, 14.5780, 11.1380



203.6460, 18.4320, -3.6480



199.2380, -15.7700, -11.5620

Rectangle

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



201.7450, -21.0910, 2.2770



205.1390, -1.4690, 10.1070



203.6460, 18.4320, -3.6480



201.1490, 0.5980, -10.8420

Sweetspot

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



201.7450, -21.0910, 2.2770



245.8190, -6.7400, 1.0040



212.5100, -19.7120, -17.2160



122.3740, -3.9890, 0.7070



0.0000, 0.0000, 0.0000



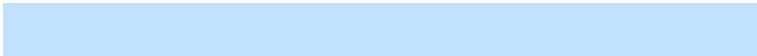
128.0000, -0.0000, -0.0000

Same Dimension

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



201.7450, -21.0910, 2.2770



218.5640, -27.8310, 3.2810



188.8310, -15.0410, 13.7830



107.8900, -5.5020, 0.5940



72.6490, -81.9340, 9.1220



21.0760, -23.5210, 2.2630

Inverse Universe

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



199.3760, 20.0330, 16.9050



215.6590, 26.7260, 22.2620



223.1690, 15.0410, -13.7830



107.2720, 5.2260, 4.4100



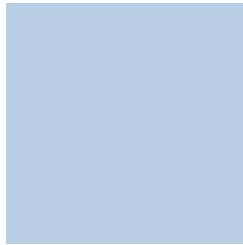
63.6670, 78.1150, 65.6270



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 201.7450, -21.0910, 2.2770 looks on a white background.

Color Contrast Check

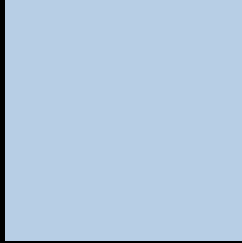
Large Text (above 18pt) WCAG AA × Fail

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 201.7450, -21.0910, 2.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

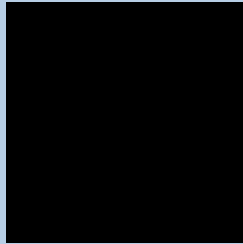
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

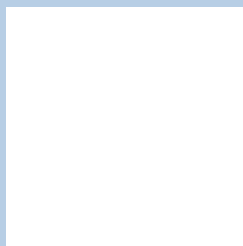
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.7450, -21.0910, 2.2770

Background



This preview shows how black text looks on a background with the YIQ color 201.7450, -21.0910, 2.2770.



This preview shows how white text looks on a background with the YIQ color 201.7450, -21.0910,

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

201.7450, -21.0910, 2.2770

Protanopia

203.5510, -8.6210, 7.5630

Deuteranopia

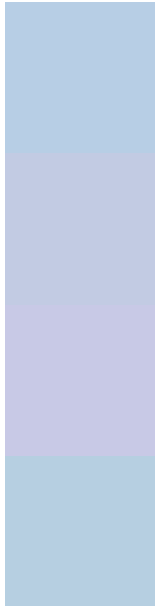
205.3500, -3.4410, 12.8070



Tritanopia

201.3490, -20.0360, -0.3240

Trichromacy



Original Color

201.7450, -21.0910, 2.2770

Protanomaly

203.0450, -13.0680, 5.5560

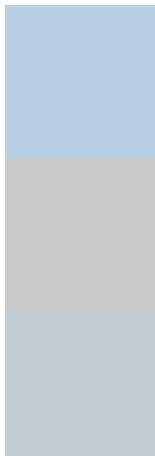
Deuteranomaly

204.0070, -9.9050, 8.8070

Tritanomaly

201.5770, -20.6780, 0.2980

Monochromacy



Original Color

201.7450, -21.0910, 2.2770

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.6340, -7.6570, 1.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.7450, -21.0910, 2.2770 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, 206, 229)` looks like.

```
.text, #text, p{  
    color:rgb(183, 206, 229)  
}
```

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, 206, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 206, 229) }
```

Border

The CSS property to change the border of an element to YIQ 201.7450, -21.0910, 2.2770 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, 206, 229) }
```


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

```
.border{ border-color:rgb(183, 206, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 206, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 206, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 206, 229); box-shadow:4px 4px 4px 4px rgb(183, 206, 229) }
```

Background

The CSS property to change the background color of an element to YIQ 201.7450, -21.0910, 2.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 206, 229) }
```

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

```
.background{ background-color: rgb(183,  
206, 229) }
```

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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