

Converting Colors

YIQ(213.7030, -21.2730,
-5.4410)

Have a look what the booklet for
YIQ(213.7030, -21.2730, -5.4410)
contains.

YIQ(213.7030, -21.2730, -5.4410)	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(213.7030, -21.2730,
-5.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDFE4
RGB	190, 223, 228
RGB Percent	75%, 87%, 89%
CMY	0.2550, 0.1254, 0.1060
CMYK	0.17, 0.02, 0.00, 0.11
HSL	188°, 41%, 82%
HSV	188°, 17%, 89%
XYZ	61.6223, 69.3276, 83.5161
YIQ	213.7030, -21.2730, -5.4410

Conversions

Conversions Part 2

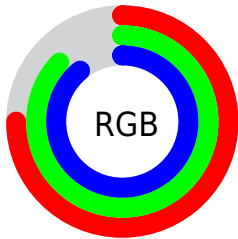
Format	Color
R_{YB}	190, 208, 228
Decimal	12509156
CIE Lab	86.67, -9.78, -6.07
CIE LCh	87, 11.506, 211.820
Yxy	69.3276, 0.2873, 0.3233
Android (android.graphics.Color)	4290699236 (0xFFBEDFE4)
YUV	213.7030, 7.0484, -20.7875
Hunter-Lab	83.2632, -13.6046, -1.1858

Details

The YIQ color $213.7030, -21.2730, -5.4410$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $204.2970, 21.2730, 5.4410$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, -4.7680, -1.6960$, and $159.0020, -20.6770, -5.2290$ is the 20% darker color. If you saturate the color by 10%, you get $205.0650, -34.1560, -8.7480$, and if you desaturate by 10%, it is $222.3410, -8.3900, -2.1340$.

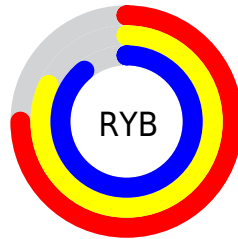
Distribution



Red (75%)

Green (87%)

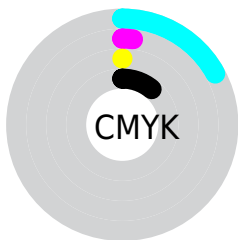
Blue (89%)



Red (75%)

Yellow (82%)

Blue (89%)

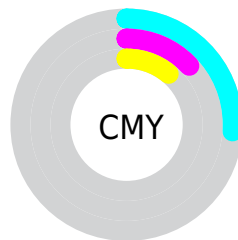


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.7030, -21.2730, -5.4410 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 213.7030, -21.2730, -5.4410 by changing the saturation by 10% instead.

■ 213.7030,
-21.2730, -5.4410

■ 213.7030,
-21.2730, -5.4410

■ 255.0000, -0.0000,
-0.0000

■ 186.0020,
-20.6770, -5.2290

■ 252.6080, -4.7680,
-1.6960

■ 159.0020,
-20.6770, -5.2290

■ 132.3010,
-20.0810, -5.0170

■ 107.1870,
-19.7600, -5.3280

■ 82.6000, -19.4850,
-4.8050

■ 59.4860, -19.1640,
-5.1160

■ 36.6000, -19.4850,

-4.8050

■ 17.9810, -16.1840,
-4.0560

■ 0.1140, -0.3210,
0.3110

■ 213.7030,
-21.2730, -5.4410

■ 213.7030,
-21.2730, -5.4410

■ 205.0650,
-34.1560, -8.7480

■ 222.3410, -8.3900,
-2.1340

■ 196.4270,
-47.0390, -12.0550

■ 230.9790, 4.4930,
1.1730

■ 188.0880,
-59.3260, -15.1500

■ 238.4210, 14.9920,
3.6320

■ 179.4500,
-72.2090, -18.4570

■ 240.1820, 14.1670,
2.0630

■ 170.8120,
-85.0920, -21.7640

■ 241.9430, 13.3420,
0.4940

■ 162.1740,
-97.9750, -25.0710

■ 243.7040, 12.5170,
-1.0750

■ 153.5360,
-110.8580, -28.3780

■ 245.4650, 11.6920,
-2.6440

■ 145.1970,
-123.1450, -31.4730

■ 247.2260, 10.8670,
-4.2130

■ 142.2180,
-127.6380, -32.6460

■ 248.9870, 10.0420,
-5.7820

Harmonies

Analogous

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



213.6340, -16.8250, -8.9610



213.7030, -21.2730, -5.4410



214.9360, -20.3110, -0.8470

Triad

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



213.7030, -21.2730, -5.4410



219.1030, 7.3800, 9.4280



216.2970, 12.1050, -4.6230

Complementary

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



213.7030, -21.2730, -5.4410



204.2970, 21.2730, 5.4410

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.



217.8680, 17.9270, -0.0010



213.7030, -21.2730, -5.4410



219.4690, 15.0370, 8.3250

Square

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



213.7030, -21.2730, -5.4410



218.1880, -3.1650, 7.8030



218.5140, 19.1640, 5.1160



215.3990, 2.8900, -8.3260

Rectangle

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



213.7030, -21.2730, -5.4410



216.0830, -16.2310, 2.3050



218.5140, 19.1640, 5.1160



217.0200, 14.4430, -2.9410

Sweetspot

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



213.7030, -21.2730, -5.4410



249.9390, -7.1980, -1.7100



212.7620, -11.7340, -18.6300



125.0210, -4.4930, -1.1730



0.0000, 0.0000, 0.0000



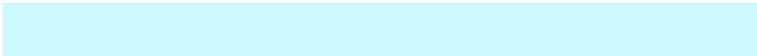
128.0000, -0.0000, -0.0000

Same Dimension

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



213.7030, -21.2730, -5.4410



235.6420, -28.4710, -7.1510



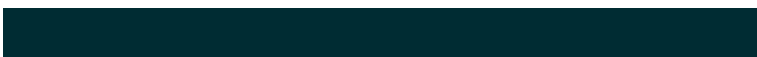
203.1370, -16.3230, 3.9730



110.2380, -6.6020, -1.4980



111.3910, -100.0840, -25.3960



31.6420, -28.4710, -7.1510

Inverse Universe

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



205.1240, 12.0550, 18.3190



224.2650, 16.2720, 24.4960



214.8630, 16.3230, -3.9730



107.7280, 3.9420, 5.6540



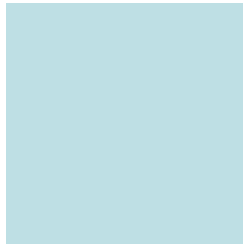
71.1910, 56.9290, 86.1530



20.2650, 16.2720, 24.4960

Previews

White Background



This preview shows how the YIQ color 213.7030, -21.2730, -5.4410 looks on a white background.

Color Contrast Check

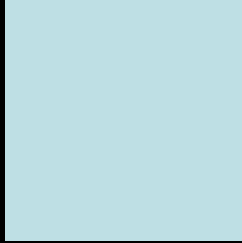
Large Text (above 18pt) WCAG AA × Fail

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 213.7030, -21.2730, -5.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

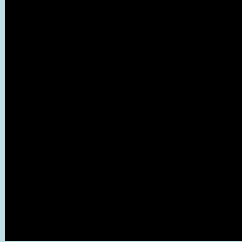
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

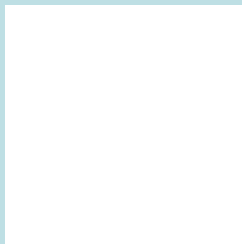
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.7030, -21.2730, -5.4410

Background



This preview shows how black text looks on a background with the YIQ color 213.7030, -21.2730, -5.4410.



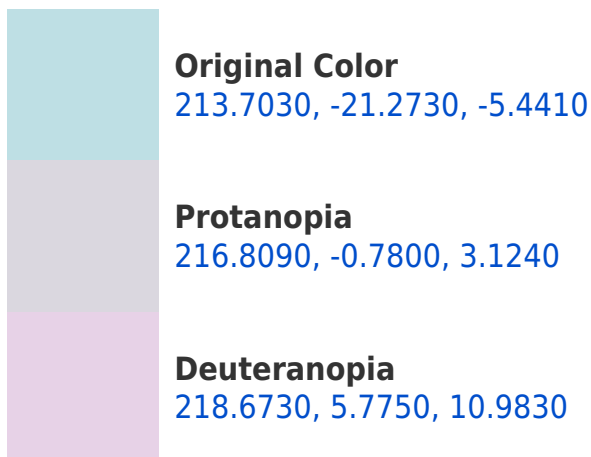
This preview shows how white text looks on a background with the YIQ color 213.7030, -21.2730, -5.4410.

-5.4410.

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

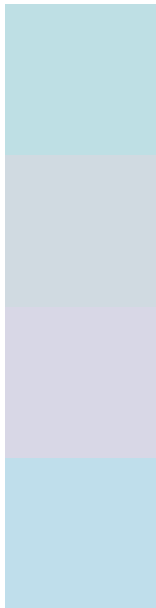




Tritanopia

214.3810, -23.0620, -0.5500

Trichromacy



Original Color

213.7030, -21.2730, -5.4410

Protanomaly

215.8080, -8.2070, 0.0570

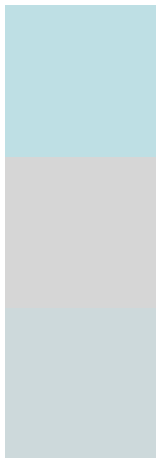
Deuteranomaly

217.0090, -4.2190, 4.8770

Tritanomaly

214.2130, -22.6490, -2.5290

Monochromacy



Original Color

213.7030, -21.2730, -5.4410

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.6400, -7.7940, -1.9220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7030, -21.2730, -5.4410 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(190, 223, 228)` looks like.

```
.text, #text, p{  
    color:rgb(190, 223, 228)  
}
```

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(190, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 223, 228) }
```

Border

The CSS property to change the border of an element to YIQ 213.7030, -21.2730, -5.4410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

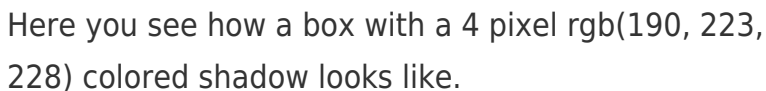
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 223, 228) }
```


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

```
.border{ border-color:rgb(190, 223, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 223, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 223, 228); box-shadow:4px 4px 4px 4px rgb(190, 223, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7030, -21.2730, -5.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 223, 228) }
```

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

```
.background{ background-color: rgb(190,  
223, 228) }
```

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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