

Converting Colors

YIQ(221.2730, -22.8780,
-3.8860)

Have a look what the booklet for
YIQ(221.2730, -22.8780, -3.8860)
contains.

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Color

**YIQ(221.2730, -22.8780,
-3.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E6F0
RGB	197, 230, 240
RGB Percent	77%, 90%, 94%
CMY	0.2275, 0.0980, 0.0589
CMYK	0.18, 0.04, 0.00, 0.06
HSL	194°, 59%, 86%
HSV	194°, 18%, 94%
XYZ	67.0463, 74.7590, 93.3147
YIQ	221.2730, -22.8780, -3.8860

Conversions

Conversions Part 2

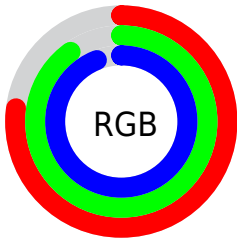
Format	Color
R_{YB}	197, 216, 240
Decimal	12969712
CIE _{Lab}	89.28, -8.70, -8.46
CIE _{LCh}	89, 12.134, 224.180
Yxy	74.7590, 0.2852, 0.3180
Android (android.graphics.Color)	4291159792 (0xFFC5E6F0)
YUV	221.2730, 9.2324, -21.2874
Hunter-Lab	86.4633, -12.8964, -3.4639

Details

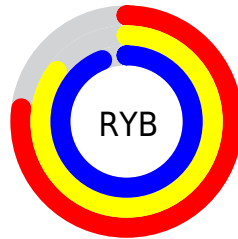
The YIQ color $221.2730, -22.8780, -3.8860$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $215.7270, 22.8780, 3.8860$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $165.8710, -21.6860, -3.4620$ is the 20% darker color. If you saturate the color by 10%, you get $210.5750, -35.5320, -5.8360$, and if you desaturate by 10%, it is $231.9710, -10.2240, -1.9360$.

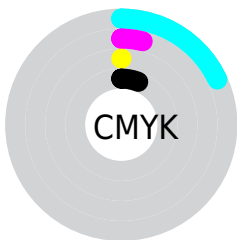
Distribution



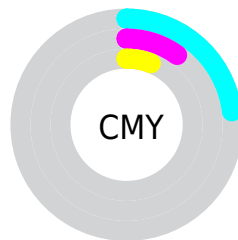
- Red (77%)
- Green (90%)
- Blue (94%)



- Red (77%)
- Yellow (85%)
- Blue (94%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (23%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.2730, -22.8780, -3.8860 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 221.2730, -22.8780, -3.8860 by changing the saturation by 10% instead.

■ 221.2730,
-22.8780, -3.8860

■ 221.2730,
-22.8780, -3.8860

255.0000, -0.0000,
-0.0000

■ 193.2730,
-22.8780, -3.8860

254.7010, -0.5960,
-0.2120

■ 166.4580,
-21.9610, -3.9850

■ 139.7570,
-21.3650, -3.7730

■ 113.7570,
-21.3650, -3.7730

■ 89.0560, -20.7690,
-3.5610

■ 65.0560, -20.7690,
-3.5610

■ 42.6430, -21.0440,

-4.0840

■ 21.8280, -20.1270,
-4.1830

■ 2.4110, -5.4110,
4.4530

■ 221.2730,
-22.8780, -3.8860

■ 221.2730,
-22.8780, -3.8860

■ 210.5750,
-35.5320, -5.8360

■ 231.9710,
-10.2240, -1.9360

■ 200.4640,
-48.4610, -8.3090

■ 242.0820, 2.7050,
0.5370

■ 189.7660,
-61.1150, -10.2590

■ 248.5940, 7.0150,
-0.4810

■ 179.6550,
-74.0440, -12.7320

■ 251.5290, 5.6400,
-3.0960

■ 168.9570,
-86.6980, -14.6820

■ 253.2900, 4.8150,
-4.6650

■ 158.8460,
-99.6270, -17.1550

■ 148.1480,
-112.2810, -19.1050

■ 138.0370,
-125.2100, -21.5780

■ 135.3680,
-127.6400, -21.5920

Harmonies

Analogous

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



220.4210, -20.5390, -7.7310



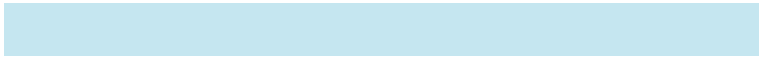
221.2730, -22.8780, -3.8860



222.8870, -18.6150, 1.4570

Triad

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



221.2730, -22.8780, -3.8860



226.6690, 11.5980, 10.0780



223.2750, 9.1710, -6.5170

Complementary

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



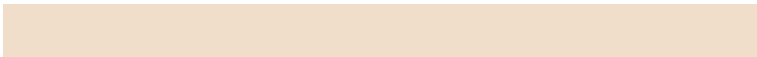
221.2730, -22.8780, -3.8860



215.7270, 22.8780, 3.8860

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.



224.5150, 17.4230, -1.8810



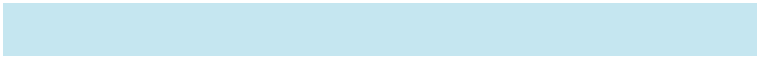
221.2730, -22.8780, -3.8860



226.7960, 18.4300, 7.4060

Square

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



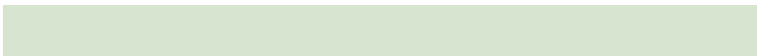
221.2730, -22.8780, -3.8860



226.2810, 1.0070, 9.2870



225.9440, 20.7690, 3.5610



222.4200, -1.6030, -9.4990

Rectangle

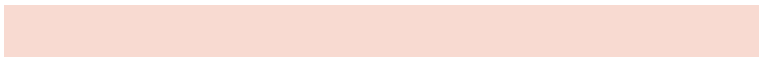
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



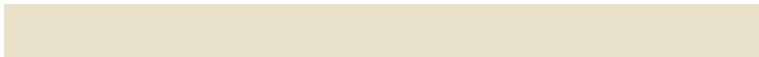
221.2730, -22.8780, -3.8860



224.2190, -13.6180, 4.5100



225.9440, 20.7690, 3.5610



223.7700, 12.1510, -5.4570

Sweetspot

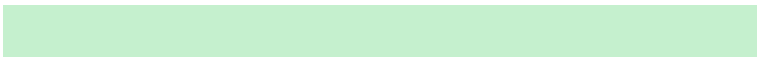
The Sweet Spot groups the original color and five complimentary colors.



221.2730, -22.8780, -3.8860



249.3520, -6.9230, -1.1870



223.2670, -14.7140, -19.6900



124.4340, -4.2180, -0.6500



0.0000, 0.0000, 0.0000



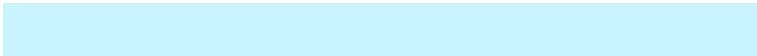
128.0000, -0.0000, -0.0000

Same Dimension

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



221.2730, -22.8780, -3.8860



231.8100, -28.8840, -5.1720



208.9460, -17.1030, 7.0970



114.6510, -6.3270, -0.9750



103.7430, -97.8390, -16.5190



31.6250, -29.8010, -5.0730

Inverse Universe

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



213.6190, 15.0350, 19.3790



221.9340, 18.7020, 24.5100



228.0540, 17.1030, -7.0970



112.6140, 4.2630, 5.3430



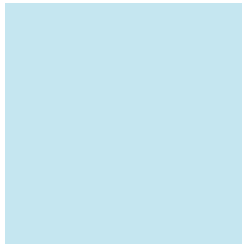
71.0900, 64.4030, 82.8590



21.6460, 19.5730, 25.2450

Previews

White Background



This preview shows how the YIQ color 221.2730, -22.8780, -3.8860 looks on a white background.

Color Contrast Check

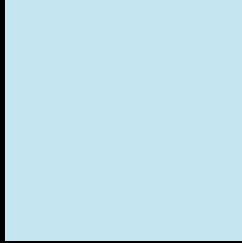
Large Text (above 18pt) WCAG AA × Fail

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 221.2730, -22.8780, -3.8860 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 221.2730, -22.8780, -3.8860

Background



This preview shows how black text looks on a background with the YIQ color 221.2730, -22.8780, -3.8860.



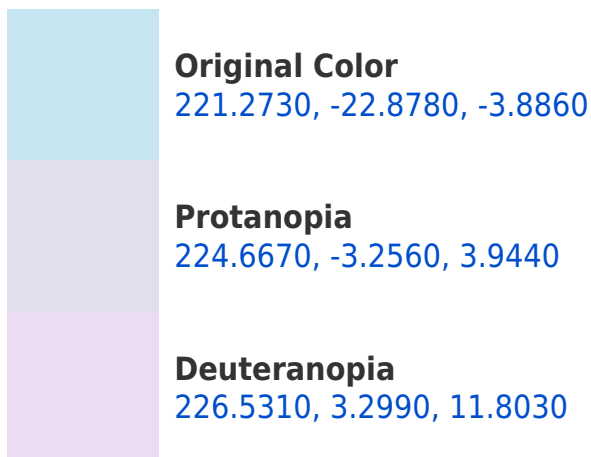
This preview shows how white text looks on a background with the YIQ color 221.2730, -22.8780, -3.8860.

-3.8860.

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

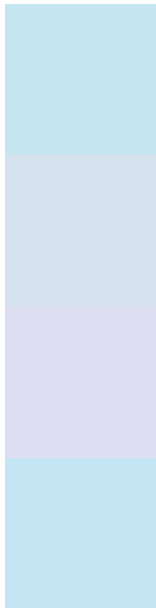




Tritanopia

221.7830, -24.2540, -0.9740

Trichromacy



Original Color

221.2730, -22.8780, -3.8860

Protanomaly

223.6660, -10.6830, 0.8770

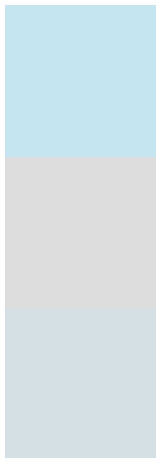
Deuteranomaly

224.2800, -6.4200, 6.2200

Tritanomaly

221.4410, -23.2910, -1.9070

Monochromacy



Original Color

221.2730, -22.8780, -3.8860

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8680, -8.4360, -1.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.2730, -22.8780, -3.8860 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(197, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(197, 230, 240)  
}
```

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(197, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 230, 240) }
```

Border

The CSS property to change the border of an element to YIQ 221.2730, -22.8780, -3.8860 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(197, 230, 240) }
```


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

```
.border{ border-color:rgb(197, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(197, 230,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 221.2730, -22.8780, -3.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 230, 240) }
```

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

```
.background{ background-color: rgb(197,  
230, 240) }
```

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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