

Converting Colors

YIQ(221.8760, -29.2500,
-9.5540)

Have a look what the booklet for
YIQ(221.8760, -29.2500, -9.5540)
contains.

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Color

**YIQ(221.8760, -29.2500,
-9.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	BCECEE
RGB	188, 236, 238
RGB Percent	74%, 93%, 93%
CMY	0.2628, 0.0744, 0.0668
CMYK	0.21, 0.01, 0.00, 0.07
HSL	182°, 59%, 84%
HSV	182°, 21%, 93%
XYZ	66.1614, 76.8615, 92.2145
YIQ	221.8760, -29.2500, -9.5540

Conversions

Conversions Part 2

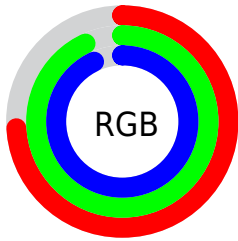
Format	Color
RYB	188, 212, 238
Decimal	12381422
CIELab	90.26, -14.88, -6.02
CIELCh	90, 16.055, 202.025
Yxy	76.8615, 0.2813, 0.3267
Android (android.graphics.Color)	4290571502 (0xFFBCECEE)
YUV	221.8760, 7.9491, -29.7093
Hunter-Lab	87.6707, -18.7172, -0.9934

Details

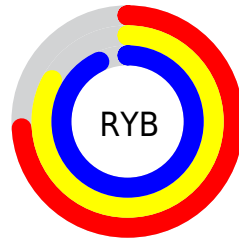
The YIQ color $221.8760, -29.2500, -9.5540$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $204.1240, 29.2500, 9.5540$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, -5.9600, -2.1200$, and $166.4740, -28.0580, -9.1300$ is the 20% darker color. If you saturate the color by 10%, you get $214.1130, -43.2790, -14.1190$, and if you desaturate by 10%, it is $229.6390, -15.2210, -4.9890$.

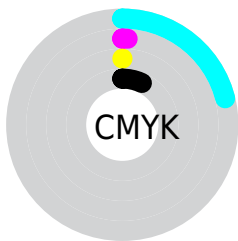
Distribution



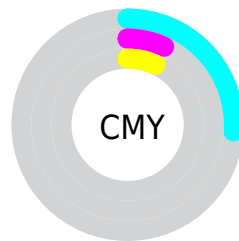
- Red (74%)
- Green (93%)
- Blue (93%)



- Red (74%)
- Yellow (83%)
- Blue (93%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (26%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.8760, -29.2500, -9.5540 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 221.8760, -29.2500, -9.5540 by changing the saturation by 10% instead.

■ 221.8760,
-29.2500, -9.5540

■ 221.8760,
-29.2500, -9.5540

■ 255.0000, -0.0000,
-0.0000

■ 193.8760,
-29.2500, -9.5540

■ 252.0100, -5.9600,
-2.1200

■ 166.4740,
-28.0580, -9.1300

■ 139.4740,
-28.0580, -9.1300

■ 113.7730,
-27.4620, -8.9180

■ 88.7730, -27.4620,
-8.9180

■ 64.4740, -28.0580,
-9.1300

■ 39.6800, -31.6340,

-10.4020

■ 23.4750, -20.6310,
-6.0630

■ 2.8840, -5.3650,
3.6190

■ 221.8760,
-29.2500, -9.5540

■ 221.8760,
-29.2500, -9.5540

■ 214.1130,
-43.2790, -14.1190

■ 229.6390,
-15.2210, -4.9890

■ 206.3500,
-57.3080, -18.6840

■ 237.4020, -1.1920,
-0.4240

■ 198.8860,
-70.7410, -23.0370

■ 243.6700, 9.8570,
3.0810

■ 191.1230,
-84.7700, -27.6020

■ 244.2570, 9.5820,
2.5580

■ 183.3600,
-98.7990, -32.1670

■ 244.8440, 9.3070,
2.0350

■ 175.5970,
-112.8280, -36.7320

■ 245.4310, 9.0320,
1.5120

■ 168.4210,
-127.1320, -41.8200

■ 246.0180, 8.7570,
0.9890

■ 161.5550,
-139.3730, -45.7490

■ 246.6050, 8.4820,
0.4660

Harmonies

Analogous

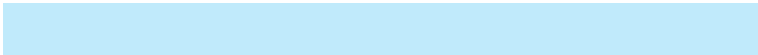
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.1450, -19.9420, -13.0460



221.8760, -29.2500, -9.5540



223.3800, -30.4890, -3.6170

Triad

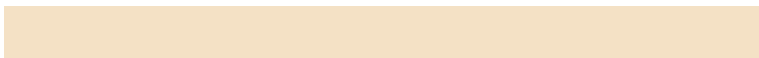
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.8760, -29.2500, -9.5540



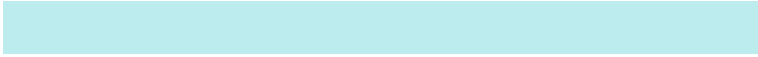
229.8410, 5.3620, 12.9620



227.4890, 20.3120, -4.6800

Complementary

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



221.8760, -29.2500, -9.5540



204.1240, 29.2500, 9.5540

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.



228.5270, 26.3170, 2.1330



221.8760, -29.2500, -9.5540



230.0720, 17.8330, 12.7210

Square

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



221.8760, -29.2500, -9.5540



228.4200, -9.6300, 9.3300



228.2480, 22.9690, 7.7450



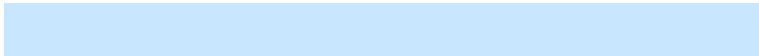
225.5690, 8.1630, -10.2770

Rectangle

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



221.8760, -29.2500, -9.5540



224.4670, -26.1800, 0.8920



228.2480, 22.9690, 7.7450



227.6250, 22.9250, -2.4750

Sweetspot

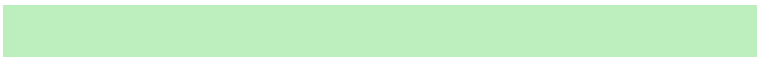
The Sweet Spot groups the original color and five complimentary colors.



221.8760, -29.2500, -9.5540



249.9280, -8.6650, -2.6570



217.5780, -14.3920, -25.5280



124.7220, -5.0890, -1.3850



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.



221.8760, -29.2500, -9.5540



234.6900, -37.5940, -12.5220



207.2010, -22.3750, 3.5210



115.8250, -6.8770, -2.0210



124.2880, -107.4640, -34.8240



38.0820, -32.8260, -10.8260

Inverse Universe

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



208.4220, 14.3920, 25.5280



217.2040, 18.2420, 32.8500



218.7990, 22.3750, -3.5210



112.8420, 3.6210, 5.9650



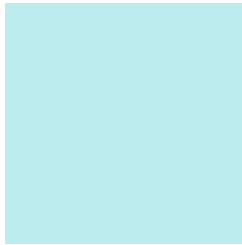
75.0800, 53.1680, 93.7440



22.9000, 16.0420, 28.6660

Previews

White Background



This preview shows how the YIQ color 221.8760, -29.2500, -9.5540 looks on a white background.

Color Contrast Check

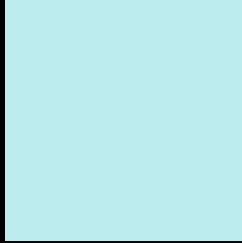
Large Text (above 18pt) WCAG AA × Fail

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 221.8760, -29.2500, -9.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

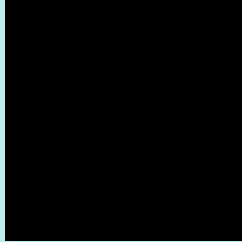
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.8760, -29.2500, -9.5540

Background



This preview shows how black text looks on a background with the YIQ color 221.8760, -29.2500, -9.5540.



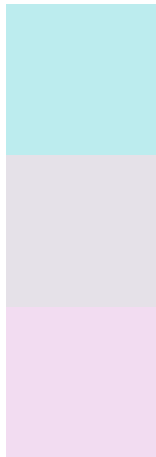
This preview shows how white text looks on a background with the YIQ color 221.8760, -29.2500, -9.5540.

-9.5540.

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

221.8760, -29.2500, -9.5540

Protanopia

226.9940, 0.1370, 3.0250

Deuteranopia

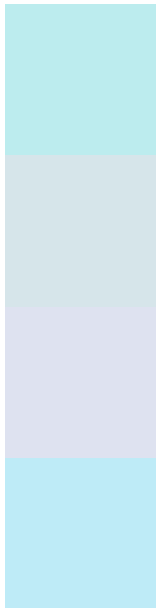
228.9720, 6.3710, 11.1950



Tritanopia

223.1950, -31.4060, -3.5180

Trichromacy



Original Color

221.8760, -29.2500, -9.5540

Protanomaly

225.0850, -10.5450, -1.6250

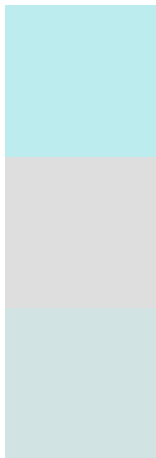
Deuteranomaly

226.4000, -6.8780, 3.5060

Tritanomaly

222.9130, -30.6720, -5.8080

Monochromacy



Original Color

221.8760, -29.2500, -9.5540

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0310, -10.4530, -3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.8760, -29.2500, -9.5540 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(188, 236, 238)` looks like.

```
.text, #text, p{  
    color:rgb(188, 236, 238)  
}
```

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(188, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 236, 238) }
```

Border

The CSS property to change the border of an element to YIQ 221.8760, -29.2500, -9.5540 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(188, 236, 238) }
```


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

```
.border{ border-color:rgb(188, 236, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 236, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(188, 236,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 221.8760, -29.2500, -9.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 236, 238) }
```

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

```
.background{ background-color: rgb(188,  
236, 238) }
```

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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