

Converting Colors

YIQ(221.5600, -31.1760,
-7.6880)

Have a look what the booklet for
YIQ(221.5600, -31.1760, -7.6880)
contains.

YIQ(221.5600, -31.1760, -7.6880)	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(221.5600, -31.1760,
-7.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEBF3
RGB	187, 235, 243
RGB Percent	73%, 92%, 95%
CMY	0.2668, 0.0783, 0.0472
CMYK	0.23, 0.03, 0.00, 0.05
HSL	189°, 70%, 84%
HSV	189°, 23%, 95%
XYZ	66.3735, 76.4586, 96.0275
YIQ	221.5600, -31.1760, -7.6880

Conversions

Conversions Part 2

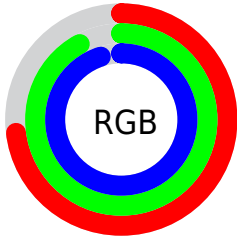
Format	Color
R _Y B	187, 213, 243
Decimal	12315635
CIE Lab	90.07, -13.61, -8.91
CIE LCh	90, 16.269, 213.227
Yxy	76.4586, 0.2779, 0.3201
Android (android.graphics.Color)	4290505715 (0xFFBBEBF3)
YUV	221.5600, 10.5699, -30.3091
Hunter-Lab	87.4406, -17.5272, -3.9040

Details

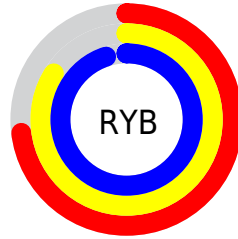
The YIQ color $221.5600, -31.1760, -7.6880$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $208.4400, 31.1760, 7.6880$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, -6.5560, -2.3320$, and $166.1580, -29.9840, -7.2640$ is the 20% darker color. If you saturate the color by 10%, you get $212.6230, -44.6550, -11.2070$, and if you desaturate by 10%, it is $230.4970, -17.6970, -4.1690$.

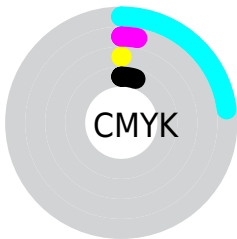
Distribution



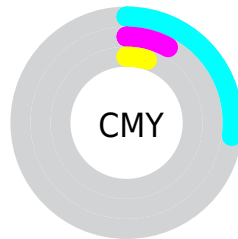
- Red (73%)
- Green (92%)
- Blue (95%)



- Red (73%)
- Yellow (84%)
- Blue (95%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (27%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.5600, -31.1760, -7.6880 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 221.5600, -31.1760, -7.6880 by changing the saturation by 10% instead.

■ 221.5600,
-31.1760, -7.6880

■ 221.5600,
-31.1760, -7.6880

255.0000, -0.0000,
-0.0000

■ 193.5600,
-31.1760, -7.6880

■ 251.7110, -6.5560,
-2.3320

■ 166.1580,
-29.9840, -7.2640

■ 139.1580,
-29.9840, -7.2640

■ 113.4570,
-29.3880, -7.0520

■ 88.0440, -29.6630,
-7.5750

■ 63.7450, -30.2590,
-7.7870

■ 38.6520, -34.4310,

-9.2710

■ 23.8170, -21.5940,
-5.1300

■ 2.7530, -6.3740,
5.3860

■ 221.5600,
-31.1760, -7.6880

■ 221.5600,
-31.1760, -7.6880

■ 212.6230,
-44.6550, -11.2070

■ 230.4970,
-17.6970, -4.1690

■ 202.8000,
-58.4550, -14.4150

■ 240.3200, -3.8970,
-0.9610

■ 193.8630,
-71.9340, -17.9340

■ 247.7620, 6.6020,
1.4980

■ 184.3390,
-85.1380, -20.9300

■ 250.1100, 5.5020,
-0.5940

■ 175.1030,
-99.2130, -24.6610

■ 251.8710, 4.6770,
-2.1630

■ 165.5790,
-112.4170, -27.6570

■ 253.6320, 3.8520,
-3.7320

■ 156.6420,
-125.8960, -31.1760

■ 149.7980,
-135.2030, -33.2110

Harmonies

Analogous

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



221.3340, -24.8480, -12.2400



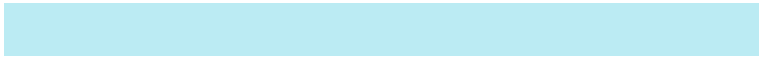
221.5600, -31.1760, -7.6880



223.4450, -29.1140, -1.0020

Triad

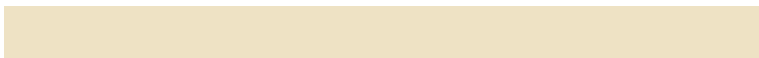
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.5600, -31.1760, -7.6880



229.8910, 11.0930, 13.7250



226.1680, 16.7820, -6.7860

Complementary

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



221.5600, -31.1760, -7.6880



208.4400, 31.1760, 7.6880

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.



227.7610, 25.5380, -0.2700



221.5600, -31.1760, -7.6880



228.6870, 20.3550, 11.0670

Square

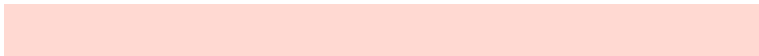
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.5600, -31.1760, -7.6880



228.5240, -3.9910, 11.7610



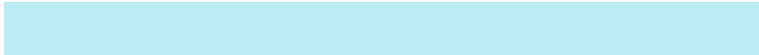
227.5640, 24.8950, 5.8790



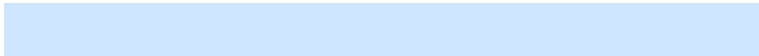
224.1770, 3.3950, -11.9730

Rectangle

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



221.5600, -31.1760, -7.6880



225.0870, -22.0540, 3.2100



227.5640, 24.8950, 5.8790



226.4890, 20.3120, -4.6800

Sweetspot

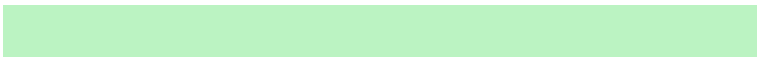
The Sweet Spot groups the original color and five complimentary colors.



221.5600, -31.1760, -7.6880



247.8570, -9.9030, -2.2470



220.6700, -17.6470, -27.1110



123.5370, -6.0060, -1.2860



0.0000, 0.0000, 0.0000



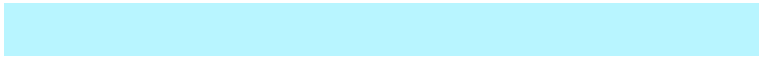
128.0000, -0.0000, -0.0000

Same Dimension

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



221.5600, -31.1760, -7.6880



227.9010, -39.5660, -9.8220



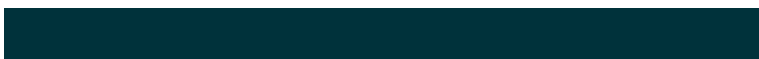
205.7110, -23.7510, 6.4330



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.



209.2160, 17.9680, 26.8000



212.1830, 22.7350, 34.0230



224.2890, 23.7510, -6.4330



114.8420, 3.6210, 5.9650



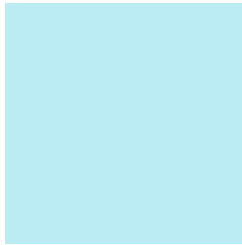
73.8540, 59.4960, 89.1920



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 221.5600, -31.1760, -7.6880 looks on a white background.

Color Contrast Check

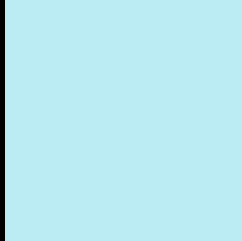
Large Text (above 18pt) WCAG AA × Fail

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 221.5600, -31.1760, -7.6880 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 221.5600, -31.1760, -7.6880

Background



This preview shows how black text looks on a background with the YIQ color 221.5600, -31.1760, -7.6880.



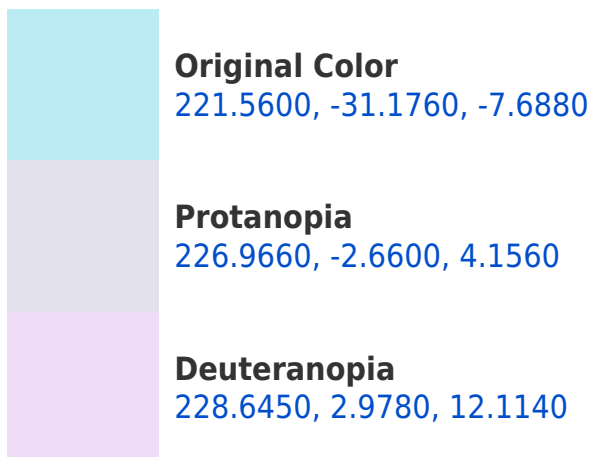
This preview shows how white text looks on a background with the YIQ color 221.5600, -31.1760, -7.6880.

-7.6880.

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

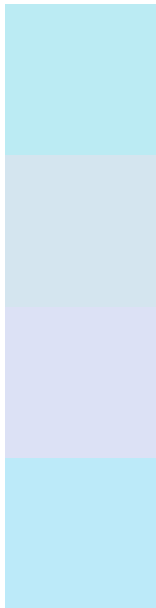




Tritanopia

222.5970, -32.5980, -3.9420

Trichromacy



Original Color

221.5600, -31.1760, -7.6880

Protanomaly

225.0570, -13.3420, -0.4940

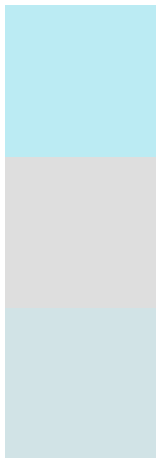
Deuteranomaly

225.7850, -9.4000, 5.1600

Tritanomaly

221.9560, -32.2310, -5.0870

Monochromacy



Original Color

221.5600, -31.1760, -7.6880

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.9600, -11.6910, -2.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5600, -31.1760, -7.6880 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(187, 235, 243)` looks like.

```
.text, #text, p{  
    color:rgb(187, 235, 243)  
}
```

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(187, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 235, 243) }
```

Border

The CSS property to change the border of an element to YIQ 221.5600, -31.1760, -7.6880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

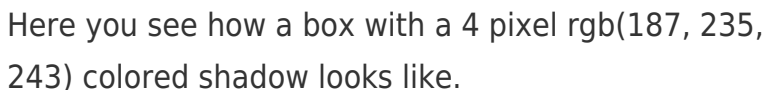
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 235, 243) }
```


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

```
.border{ border-color:rgb(187, 235, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 235, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 235, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 235, 243); box-shadow:4px 4px 4px 4px rgb(187, 235, 243) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5600, -31.1760, -7.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 235, 243) }
```

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

```
.background{ background-color: rgb(187,  
235, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor