

Converting Colors

YIQ(201.0760, -32.6890,
-7.8010)

Have a look what the booklet for
YIQ(201.0760, -32.6890, -7.8010)
contains.

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Color

**YIQ(201.0760, -32.6890,
-7.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D7E0
RGB	165, 215, 224
RGB Percent	65%, 84%, 88%
CMY	0.3530, 0.1568, 0.1217
CMYK	0.26, 0.04, 0.00, 0.12
HSL	189°, 49%, 76%
HSV	189°, 26%, 88%
XYZ	53.2667, 61.9878, 79.6536
YIQ	201.0760, -32.6890, -7.8010

Conversions

Conversions Part 2

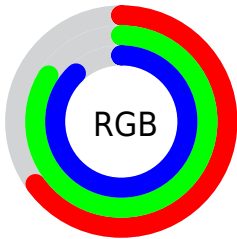
Format	Color
R _{YB}	165, 192, 224
Decimal	10868704
CIE _{Lab}	82.91, -14.09, -9.68
CIE _{LCh}	83, 17.095, 214.491
Yxy	61.9878, 0.2733, 0.3180
Android (android.graphics.Color)	4289058784 (0xFFA5D7E0)
YUV	201.0760, 11.3015, -31.6387
Hunter-Lab	78.7323, -17.0166, -4.8712

Details

The YIQ color $201.0760, -32.6890, -7.8010$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $187.9240, 32.6890, 7.8010$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8340, -20.2640, -7.2080$, and $146.3750, -32.0930, -7.5890$ is the 20% darker color. If you saturate the color by 10%, you get $192.7370, -44.9760, -10.8960$, and if you desaturate by 10%, it is $209.4150, -20.4020, -4.7060$.

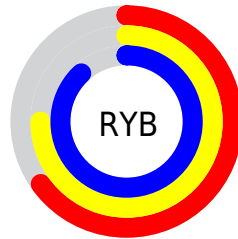
Distribution



Red (65%)

Green (84%)

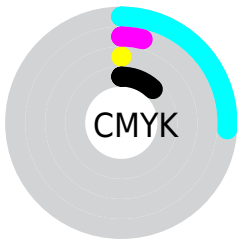
Blue (88%)



Red (65%)

Yellow (75%)

Blue (88%)

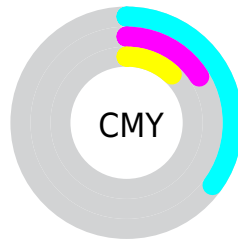


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0760, -32.6890, -7.8010 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 201.0760, -32.6890, -7.8010 by changing the saturation by 10% instead.

■ 201.0760,
-32.6890, -7.8010

■ 201.0760,
-32.6890, -7.8010

■ 255.0000, -0.0000,
-0.0000

■ 173.3750,
-32.0930, -7.5890

■ 244.8340,
-20.2640, -7.2080

■ 146.3750,
-32.0930, -7.5890

■ 253.5050, -2.9800,
-1.0600

■ 120.2610,
-31.7720, -7.9000

■ 95.2610, -31.7720,
-7.9000

■ 69.9620, -32.3680,
-8.1120

■ 44.2710, -37.7320,
-10.0200

■ 28.1370, -25.4910,

-6.0910

■ 14.1170, -13.5710,
-1.8510

■ 0.0000, 0.0000,
0.0000

■ 201.0760,
-32.6890, -7.8010

■ 201.0760,
-32.6890, -7.8010

■ 192.7370,
-44.9760, -10.8960

■ 209.4150,
-20.4020, -4.7060

■ 183.5120,
-57.5840, -13.6800

■ 218.6400, -7.7940,
-1.9220

■ 175.1730,
-69.8710, -16.7750

■ 226.9790, 4.4930,
1.1730

■ 165.9480,
-82.4790, -19.5590

■ 236.2040, 17.1010,
3.9570

■ 157.6090,
-94.7660, -22.6540

■ 237.9650, 16.2760,
2.3880

■ 149.2700,
-107.0530, -25.7490

■ 239.7260, 15.4510,
0.8190

■ 140.0450,
-119.6610, -28.5330

■ 242.0740, 14.3510,
-1.2730

■ 137.0660,
-124.1540, -29.7060

■ 243.8350, 13.5260,
-2.8420

■ 246.1830, 12.4260,
-4.9340

Harmonies

Analogous

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



200.7360, -26.0400, -12.6640



201.0760, -32.6890, -7.8010



203.2600, -30.0310, -0.9030

Triad

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



201.0760, -32.6890, -7.8010



209.6030, 11.9640, 14.4600



205.7550, 16.5070, -7.3090

Complementary

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



201.0760, -32.6890, -7.8010



187.9240, 32.6890, 7.8010

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.



207.6470, 25.8590, -0.5810



201.0760, -32.6890, -7.8010



209.2960, 23.0140, 12.4380

Square

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



201.0760, -32.6890, -7.8010



208.8230, -3.3950, 11.9730



208.9450, 28.1960, 6.6280



203.8780, 2.7990, -12.1850

Rectangle

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



201.0760, -32.6890, -7.8010



205.1300, -23.6130, 3.9310



208.9450, 28.1960, 6.6280



206.0760, 20.0370, -5.2030

Sweetspot

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



201.0760, -32.6890, -7.8010



247.2590, -11.0950, -2.6710



200.6590, -19.1140, -28.0580



122.9390, -7.1980, -1.7100



0.0000, 0.0000, 0.0000



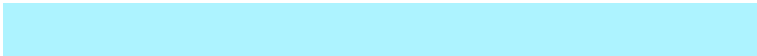
128.0000, -0.0000, -0.0000

Same Dimension

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



201.0760, -32.6890, -7.8010



223.4380, -45.5720, -11.1080



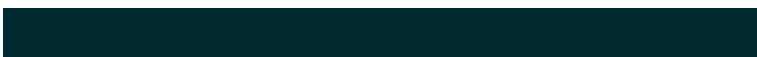
184.0530, -24.7140, 7.3660



107.5370, -6.0060, -1.2860



107.5270, -97.4710, -23.1910



29.5390, -26.6830, -6.5150

Inverse Universe

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



188.3410, 19.1140, 28.0580



205.4980, 26.4020, 39.1540



204.9470, 24.7140, -7.3660



105.3150, 3.6670, 5.1310



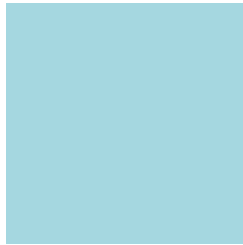
69.6100, 57.0670, 83.6510



19.0260, 15.4470, 22.9270

Previews

White Background



This preview shows how the YIQ color 201.0760, -32.6890, -7.8010 looks on a white background.

Color Contrast Check

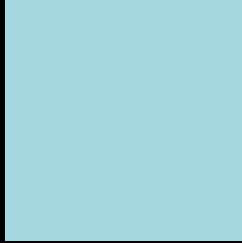
Large Text (above 18pt) WCAG AA × Fail

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 201.0760, -32.6890, -7.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

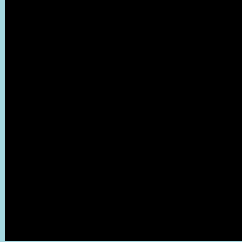
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.0760, -32.6890, -7.8010

Background



This preview shows how black text looks on a background with the YIQ color 201.0760, -32.6890, -7.8010.



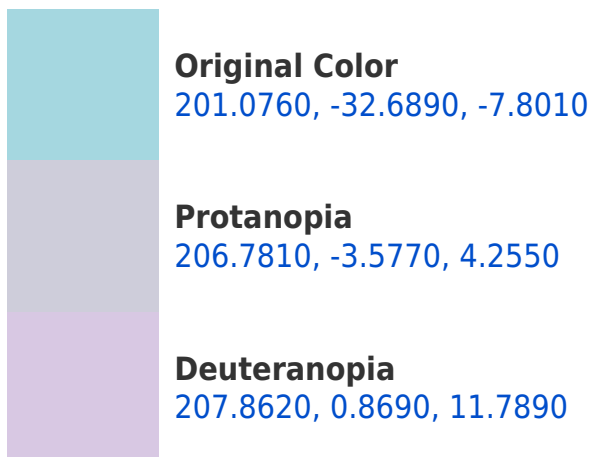
This preview shows how white text looks on a background with the YIQ color 201.0760, -32.6890, -7.8010.

-7.8010.

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

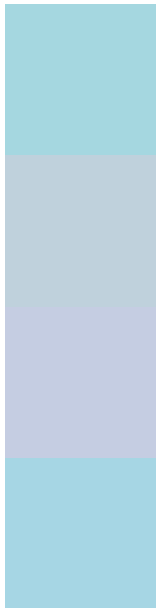




Tritanopia

201.5860, -34.0650, -4.8890

Trichromacy



Original Color

201.0760, -32.6890, -7.8010

Protanomaly

204.8720, -14.2590, -0.3950

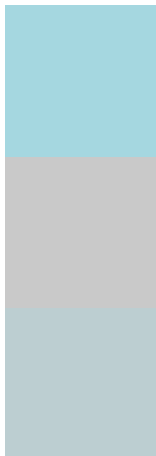
Deuteranomaly

205.0020, -11.5090, 4.8350

Tritanomaly

201.2440, -33.1020, -5.8220

Monochromacy



Original Color

201.0760, -32.6890, -7.8010

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9600, -11.6910, -2.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0760, -32.6890, -7.8010 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(165, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(165, 215, 224)  
}
```

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(165, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 215, 224) }
```

Border

The CSS property to change the border of an element to YIQ 201.0760, -32.6890, -7.8010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

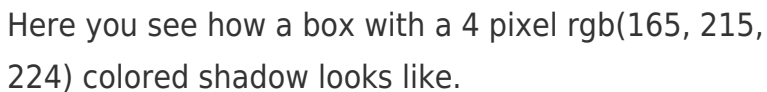
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 215, 224) }
```


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

```
.border{ border-color:rgb(165, 215, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 215, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 215, 224); box-shadow:4px 4px 4px 4px rgb(165, 215, 224) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0760, -32.6890, -7.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 215, 224) }
```

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

```
.background{ background-color: rgb(165,  
215, 224) }
```

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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