

Converting Colors

YIQ(205.5100, -36.9070,
-8.4510)

Have a look what the booklet for
YIQ(205.5100, -36.9070, -8.4510)
contains.

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Color

**YIQ(205.5100, -36.9070,
-8.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DDE8
RGB	165, 221, 232
RGB Percent	65%, 87%, 91%
CMY	0.3531, 0.1332, 0.0903
CMYK	0.29, 0.05, 0.00, 0.09
HSL	190°, 59%, 78%
HSV	190°, 29%, 91%
XYZ	55.9329, 65.5452, 86.0180
YIQ	205.5100, -36.9070, -8.4510

Conversions

Conversions Part 2

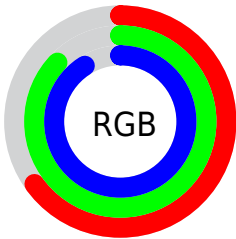
Format	Color
R _{YB}	165, 196, 232
Decimal	10870248
CIE _{Lab}	84.76, -15.33, -11.16
CIE _{LCh}	85, 18.958, 216.048
Y _{xy}	65.5452, 0.2696, 0.3159
Android (android.graphics.Color)	4289060328 (0xFFA5DDE8)
YUV	205.5100, 13.0596, -35.5273
Hunter-Lab	80.9600, -18.3595, -6.3222

Details

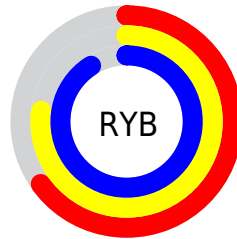
The YIQ color $205.5100, -36.9070, -8.4510$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $191.4900, 36.9070, 8.4510$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8340, -20.2640, -7.2080$, and $150.6950, -35.9900, -8.5500$ is the 20% darker color. If you saturate the color by 10%, you get $196.2850, -49.5150, -11.2350$, and if you desaturate by 10%, it is $214.7350, -24.2990, -5.6670$.

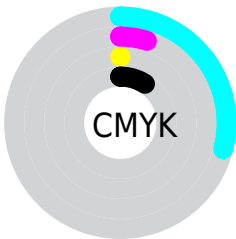
Distribution



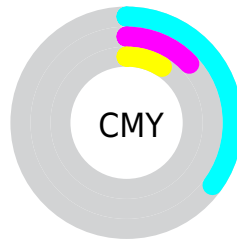
- Red (65%)
- Green (87%)
- Blue (91%)



- Red (65%)
- Yellow (77%)
- Blue (91%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (35%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.5100, -36.9070, -8.4510 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 205.5100, -36.9070, -8.4510 by changing the saturation by 10% instead.

■ 205.5100,
-36.9070, -8.4510

■ 205.5100,
-36.9070, -8.4510

■ 255.0000, -0.0000,
-0.0000

■ 177.8090,
-36.3110, -8.2390

■ 244.8340,
-20.2640, -7.2080

■ 150.6950,
-35.9900, -8.5500

■ 253.8040, -2.3840,
-0.8480

■ 124.1080,
-35.7150, -8.0270

■ 98.3960, -36.5860,
-8.7620

■ 72.7980, -37.7780,
-9.1860

■ 47.2920, -42.2250,
-11.1930

■ 31.1690, -28.5170,

-6.3170

■ 17.6220, -16.5510,
-2.9110

■ 0.5700, -1.6050,
1.5550

■ 205.5100,
-36.9070, -8.4510

■ 205.5100,
-36.9070, -8.4510

■ 196.2850,
-49.5150, -11.2350

■ 214.7350,
-24.2990, -5.6670

■ 187.0600,
-62.1230, -14.0190

■ 223.9600,
-11.6910, -2.8830

■ 178.1230,
-75.6020, -17.5380

■ 232.8970, 1.7880,
0.6360

■ 168.8980,
-88.2100, -20.3220

■ 241.2250, 12.6080,
2.7840

■ 159.6730,
-100.8180, -23.1060

■ 243.5730, 11.5080,
0.6920

■ 150.4480,
-113.4260, -25.8900

■ 245.9210, 10.4080,
-1.4000

■ 141.8100,
-126.3090, -29.1970

■ 248.2690, 9.3080,
-3.4920

■ 140.3260,
-127.8220, -29.3100

■ 250.0300, 8.4830,
-5.0610

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



205.0560, -29.9370, -13.6250



205.5100, -36.9070, -8.4510



207.8190, -33.1030, -0.2950

Triad

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



205.5100, -36.9070, -8.4510



215.0270, 13.7060, 15.9300



210.8860, 17.5160, -9.0760

Complementary

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



205.5100, -36.9070, -8.4510



191.4900, 36.9070, 8.4510

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.



212.7890, 28.3350, -1.4010



205.5100, -36.9070, -8.4510



214.7910, 25.9940, 13.4980

Square

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



205.5100, -36.9070, -8.4510



214.1760, -2.8910, 13.8530



213.9130, 31.2220, 6.8540



208.5250, 2.2950, -14.0650

Rectangle

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



205.5100, -36.9070, -8.4510



210.2870, -25.4930, 4.9630



213.9130, 31.2220, 6.8540



211.5060, 21.6420, -6.7580

Sweetspot

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



205.5100, -36.9070, -8.4510



245.7750, -12.6080, -2.7840



205.4690, -21.6350, -31.9310



121.7540, -8.1150, -1.6110



0.0000, 0.0000, 0.0000



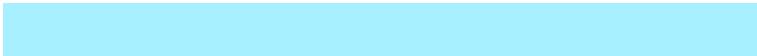
128.0000, -0.0000, -0.0000

Same Dimension

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



205.5100, -36.9070, -8.4510



219.5840, -48.9190, -11.0230



186.1390, -27.8320, 8.8080



110.2380, -6.6020, -1.4980



107.8690, -98.4340, -22.2580



31.0550, -28.1960, -6.6280

Inverse Universe

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



191.4170, 21.9560, 31.6200



201.0470, 29.2900, 41.8820



210.8610, 27.8320, -8.8080



107.7280, 3.9420, 5.6540



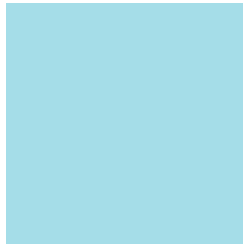
70.5070, 58.8550, 84.2870



20.1510, 16.5930, 24.1850

Previews

White Background



This preview shows how the YIQ color 205.5100, -36.9070, -8.4510 looks on a white background.

Color Contrast Check

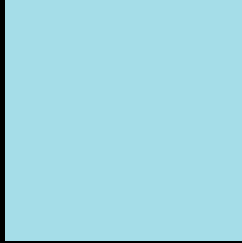
Large Text (above 18pt) WCAG AA × Fail

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 205.5100, -36.9070, -8.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

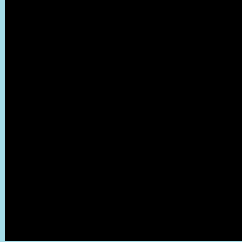
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

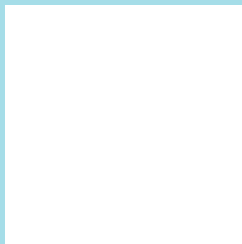
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 205.5100, -36.9070, -8.4510

Background



This preview shows how black text looks on a background with the YIQ color 205.5100, -36.9070, -8.4510.



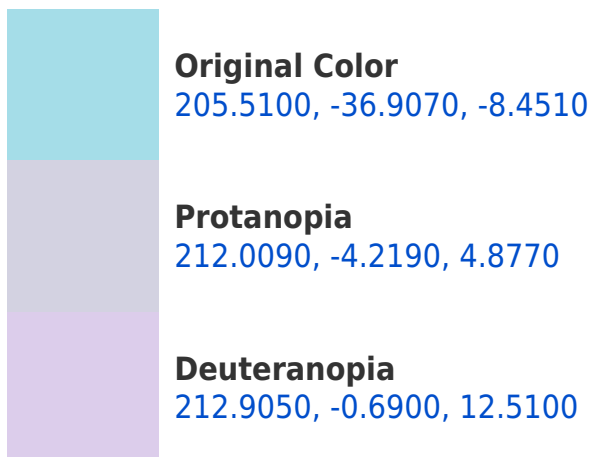
This preview shows how white text looks on a background with the YIQ color 205.5100, -36.9070, -8.4510.

-8.4510.

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

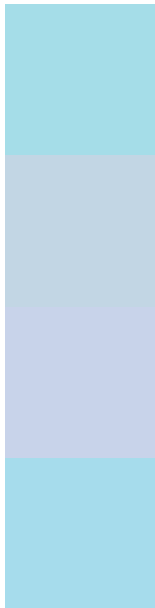




Tritanopia

205.9060, -37.9620, -5.8500

Trichromacy



Original Color

205.5100, -36.9070, -8.4510

Protanomaly

209.6160, -16.4140, 0.1140

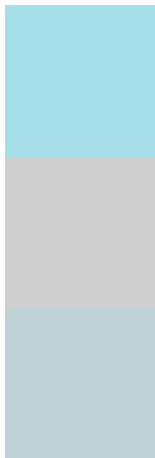
Deuteranomaly

210.3330, -13.9390, 4.8210

Tritanomaly

205.6780, -37.3200, -6.4720

Monochromacy



Original Color

205.5100, -36.9070, -8.4510

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.4760, -13.2040, -2.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.5100, -36.9070, -8.4510 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, 221, 232)` looks like.

```
.text, #text, p{  
    color:rgb(165, 221, 232)  
}
```

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, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 221, 232) }
```

Border

The CSS property to change the border of an element to YIQ 205.5100, -36.9070, -8.4510 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, 221, 232) }
```


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

```
.border{ border-color:rgb(165, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(165, 221,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 205.5100, -36.9070, -8.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 221, 232) }
```

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

```
.background{ background-color: rgb(165,  
221, 232) }
```

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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