

Converting Colors

YIQ(198.0250, -36.6790,
-1.5670)

Have a look what the booklet for
YIQ(198.0250, -36.6790, -1.5670)
contains.

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Color

**YIQ(198.0250, -36.6790,
-1.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D1EC
RGB	162, 209, 236
RGB Percent	64%, 82%, 93%
CMY	0.3648, 0.1803, 0.0747
CMYK	0.31, 0.11, 0.00, 0.07
HSL	202°, 66%, 78%
HSV	202°, 31%, 93%
XYZ	52.8349, 59.3432, 87.9942
YIQ	198.0250, -36.6790, -1.5670

Conversions

Conversions Part 2

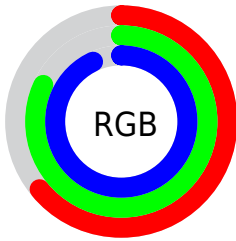
Format	Color
R _{YB}	162, 191, 236
Decimal	10670572
CIE Lab	81.48, -9.06, -18.22
CIE LCh	81, 20.350, 243.575
Yxy	59.3432, 0.2639, 0.2965
Android (android.graphics.Color)	4288860652 (0xFFA2D1EC)
YUV	198.0250, 18.7217, -31.5939
Hunter-Lab	77.0345, -12.3845, -13.8010

Details

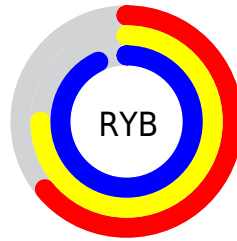
The YIQ color $198.0250, -36.6790, -1.5670$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $199.9750, 36.6790, 1.5670$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.9370, -22.0520, -7.8440$, and $143.7970, -36.0370, -2.1890$ is the 20% darker color. If you saturate the color by 10%, you get $185.5660, -48.5080, -1.9480$, and if you desaturate by 10%, it is $210.4840, -24.8500, -1.1860$.

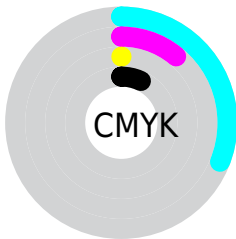
Distribution



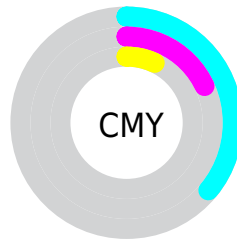
- Red (64%)
- Green (82%)
- Blue (93%)



- Red (64%)
- Yellow (75%)
- Blue (93%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.0250, -36.6790, -1.5670 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 198.0250, -36.6790, -1.5670 by changing the saturation by 10% instead.

■ 198.0250,
-36.6790, -1.5670

■ 198.0250,
-36.6790, -1.5670

■ 255.0000, -0.0000,
-0.0000

■ 170.3240,
-36.0830, -1.3550

■ 243.9370,
-22.0520, -7.8440

■ 143.7970,
-36.0370, -2.1890

■ 252.6080, -4.7680,
-1.6960

■ 117.6830,
-35.7160, -2.5000

■ 91.9710, -36.5870,
-3.2350

■ 66.0740, -38.3750,
-3.8710

■ 42.3510, -40.7130,
-5.5530

■ 26.8150, -27.2800,

-1.2000

■ 10.9200, -14.2140,
4.2980

■ 1.0260, -2.8890,
2.7990

■ 198.0250,
-36.6790, -1.5670

■ 198.0250,
-36.6790, -1.5670

■ 185.5660,
-48.5080, -1.9480

■ 210.4840,
-24.8500, -1.1860

■ 173.9930,
-60.0160, -2.6400

■ 222.0570,
-13.3420, -0.4940

■ 161.5340,
-71.8450, -3.0210

■ 234.5160, -1.5130,
-0.1130

■ 149.9610,
-83.3530, -3.7130

■ 245.7900, 9.3990,
0.3670

■ 137.5020,
-95.1820, -4.0940

■ 251.0730, 6.9240,
-4.3400

■ 125.0430,
-107.0110, -4.4750

■ 252.8340, 6.0990,
-5.9090

■ 114.9540,
-117.0060, -5.0540

Harmonies

Analogous

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



195.9010, -39.5660, -9.8220



198.0250, -36.6790, -1.5670



201.5370, -23.2010, 7.4790

Triad

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



198.0250, -36.6790, -1.5670



205.9160, 27.1400, 14.7560



199.4820, 3.8540, -14.7860

Complementary

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



198.0250, -36.6790, -1.5670



199.9750, 36.6790, 1.5670

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.



201.6690, 19.6250, -8.7510



198.0250, -36.6790, -1.5670



205.2230, 33.2850, 8.0130

Square

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



198.0250, -36.6790, -1.5670



205.6680, 13.3390, 17.0750



203.6860, 30.1230, -0.7650



196.9620, -15.1730, -16.8770

Rectangle

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



198.0250, -36.6790, -1.5670



203.9300, -11.0060, 12.2420



203.6860, 30.1230, -0.7650



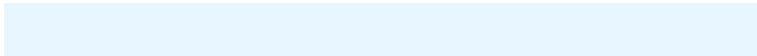
200.0590, 9.5390, -13.1890

Sweetspot

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



198.0250, -36.6790, -1.5670



243.4270, -11.5080, -0.6920



208.4020, -28.6960, -30.6160



119.9930, -7.2900, -0.0420



0.0000, 0.0000, 0.0000



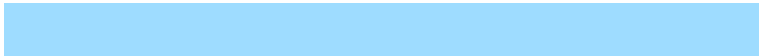
128.0000, -0.0000, -0.0000

Same Dimension

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



198.0250, -36.6790, -1.5670



205.4520, -48.1870, -2.2590



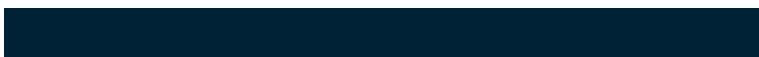
176.8930, -26.7790, 17.2610



111.3630, -5.4560, -0.2400



88.1390, -89.7260, -3.8540



26.1140, -26.6840, -0.9880

Inverse Universe

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



189.4840, 29.0170, 30.3050



194.0710, 37.9100, 39.8460



221.1070, 26.7790, -17.2610



110.0870, 4.3090, 4.5090



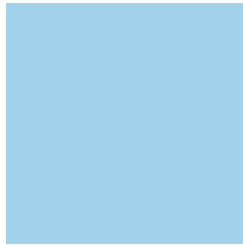
67.2290, 70.9610, 74.1370



20.0220, 21.2700, 22.0220

Previews

White Background



This preview shows how the YIQ color 198.0250, -36.6790, -1.5670 looks on a white background.

Color Contrast Check

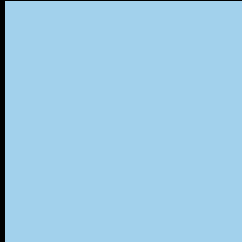
Large Text (above 18pt) WCAG AA × Fail

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 198.0250, -36.6790, -1.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

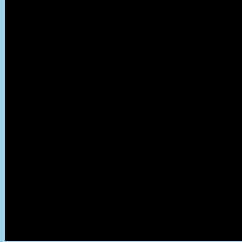
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.0250, -36.6790, -1.5670

Background



This preview shows how black text looks on a background with the YIQ color 198.0250, -36.6790, -1.5670.



This preview shows how white text looks on a background with the YIQ color 198.0250, -36.6790, -1.5670.

-1.5670.

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

198.0250, -36.6790, -1.5670

Protanopia

202.5230, -11.4180, 8.6940

Deuteranopia

203.7670, -8.9890, 14.2350



Tritanopia

196.9880, -35.2570, -5.3130

Trichromacy



Original Color

198.0250, -36.6790, -1.5670

Protanomaly

200.6250, -20.6330, 4.9910

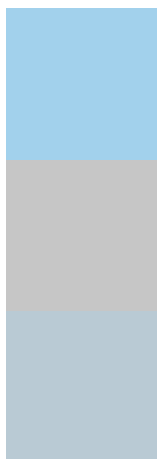
Deuteranomaly

201.5160, -18.7080, 8.6520

Tritanomaly

197.6290, -35.6240, -4.1680

Monochromacy



Original Color

198.0250, -36.6790, -1.5670

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0570, -13.3420, -0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0250, -36.6790, -1.5670 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(162, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(162, 209, 236)  
}
```

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(162, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 209, 236) }
```

Border

The CSS property to change the border of an element to YIQ 198.0250, -36.6790, -1.5670 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(162, 209, 236) }
```


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

```
.border{ border-color:rgb(162, 209, 236) }
```

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

Here you see how a box with a 4 pixel rgb(162, 209, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(162, 209,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0250, -36.6790, -1.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 209, 236) }
```

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

```
.background{ background-color: rgb(162,  
209, 236) }
```

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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