

Converting Colors

YIQ(206.6460, -34.2940,
-6.2460)

Have a look what the booklet for
YIQ(206.6460, -34.2940, -6.2460)
contains.

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Color

**YIQ(206.6460, -34.2940,
-6.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	AADCEA
RGB	170, 220, 234
RGB Percent	67%, 86%, 92%
CMY	0.3334, 0.1372, 0.0825
CMYK	0.27, 0.06, 0.00, 0.08
HSL	193°, 60%, 79%
HSV	193°, 27%, 92%
XYZ	57.0161, 65.6787, 87.4859
YIQ	206.6460, -34.2940, -6.2460

Conversions

Conversions Part 2

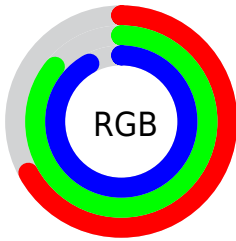
Format	Color
RYB	170, 198, 234
Decimal	11197674
CIELab	84.83, -12.94, -12.08
CIELCh	85, 17.702, 223.051
Yxy	65.6787, 0.2713, 0.3125
Android (android.graphics.Color)	4289387754 (0xFFAADCEA)
YUV	206.6460, 13.4855, -32.1385
Hunter-Lab	81.0424, -16.2434, -7.2743

Details

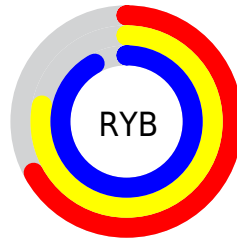
The YIQ color $206.6460, -34.2940, -6.2460$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.3540, 34.2940, 6.2460$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $246.6280, -16.6880, -5.9360$, and $151.8310, -33.3770, -6.3450$ is the 20% darker color. If you saturate the color by 10%, you get $196.8340, -46.6270, -8.5070$, and if you desaturate by 10%, it is $216.4580, -21.9610, -3.9850$.

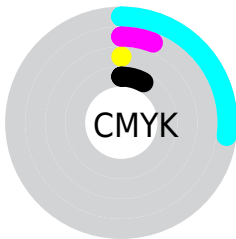
Distribution



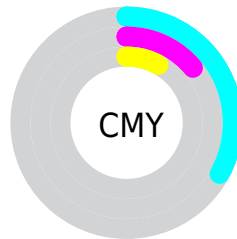
- Red (67%)
- Green (86%)
- Blue (92%)



- Red (67%)
- Yellow (78%)
- Blue (92%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (33%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6460, -34.2940, -6.2460 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 206.6460, -34.2940, -6.2460 by changing the saturation by 10% instead.

■ 206.6460,
-34.2940, -6.2460

■ 206.6460,
-34.2940, -6.2460

■ 255.0000, -0.0000,
-0.0000

■ 178.9450,
-33.6980, -6.0340

■ 246.3290,
-17.2840, -6.1480

■ 151.8310,
-33.3770, -6.3450

■ 125.8310,
-33.3770, -6.3450

■ 99.8310, -33.3770,
-6.3450

■ 75.1190, -34.2480,
-7.0800

■ 48.7270, -39.0160,
-8.7760

■ 31.3970, -29.1590,

-5.6950

■ 17.2630, -16.9180,
-1.7660

■ 0.9120, -2.5680,
2.4880

■ 206.6460,
-34.2940, -6.2460

■ 206.6460,
-34.2940, -6.2460

■ 196.8340,
-46.6270, -8.5070

■ 216.4580,
-21.9610, -3.9850

■ 186.7230,
-59.5560, -10.9800

■ 226.5690, -9.0320,
-1.5120

■ 176.9110,
-71.8890, -13.2410

■ 236.3810, 3.3010,
0.7490

■ 166.8000,
-84.8180, -15.7140

■ 243.8010, 10.8660,
1.3140

■ 156.9880,
-97.1510, -17.9750

■ 247.3230, 9.2160,
-1.8240

■ 146.5890,
-109.2090, -19.7130

■ 250.2580, 7.8410,
-4.4390

■ 136.4780,
-122.1380, -22.1860

■ 252.6060, 6.7410,
-6.5310

■ 134.0970,
-125.4390, -22.9350

Harmonies

Analogous

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



206.1100, -30.0290, -11.9570



206.6460, -34.2940, -6.2460



209.2110, -28.3350, 1.4010

Triad

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



206.6460, -34.2940, -6.2460



215.0550, 16.5030, 14.7990



210.3200, 13.2980, -9.7260

Complementary

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



206.6460, -34.2940, -6.2460



197.3540, 34.2940, 6.2460

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.



211.9950, 24.7590, -2.6730



206.6460, -34.2940, -6.2460



214.6230, 26.4070, 11.5190

Square

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



206.6460, -34.2940, -6.2460



214.2150, 1.3730, 13.6690



214.0760, 29.2050, 4.8610



208.4860, -1.9690, -13.8810

Rectangle

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



206.6460, -34.2940, -6.2460



211.5650, -20.4040, 6.3480



214.0760, 29.2050, 4.8610



211.2390, 18.0200, -7.1960

Sweetspot

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



206.6460, -34.2940, -6.2460



246.6720, -10.8200, -2.1480



209.1640, -22.0940, -29.1180



122.3520, -6.9230, -1.1870



0.0000, 0.0000, 0.0000



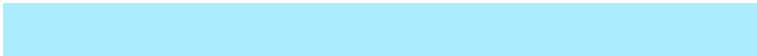
128.0000, -0.0000, -0.0000

Same Dimension

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



206.6460, -34.2940, -6.2460



219.3180, -45.1140, -8.3940



187.8620, -25.4940, 10.4900



112.5370, -6.0060, -1.2860



103.9880, -97.1510, -17.9750



30.8100, -28.8840, -5.1720

Inverse Universe

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



194.8360, 22.0940, 29.1180



203.6400, 28.8780, 38.3340



216.1380, 25.4940, -10.4900



110.3150, 3.6670, 5.1310



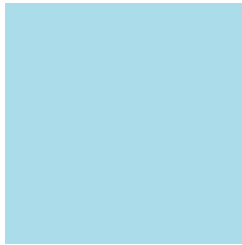
70.3070, 62.2940, 82.5340



20.9340, 18.7020, 24.5100

Previews

White Background



This preview shows how the YIQ color 206.6460, -34.2940, -6.2460 looks on a white background.

Color Contrast Check

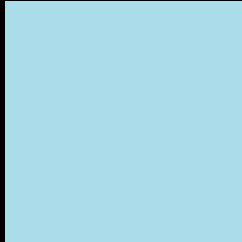
Large Text (above 18pt) WCAG AA × Fail

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 206.6460, -34.2940, -6.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

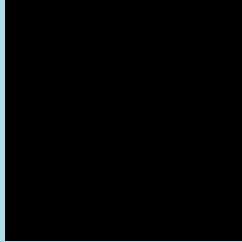
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.6460, -34.2940, -6.2460

Background



This preview shows how black text looks on a background with the YIQ color 206.6460, -34.2940, -6.2460.



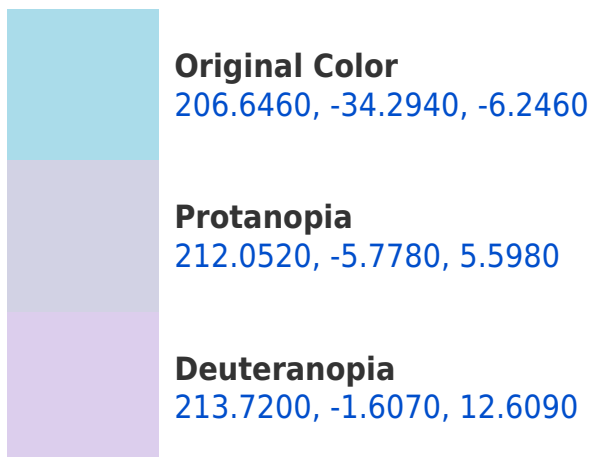
This preview shows how white text looks on a background with the YIQ color 206.6460, -34.2940, -6.2460.

-6.2460.

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

207.2870, -34.6610, -5.1010

Trichromacy



Original Color

206.6460, -34.2940, -6.2460

Protanomaly

210.1430, -16.4600, 0.9480

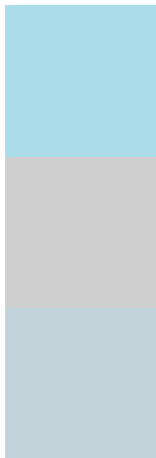
Deuteranomaly

211.1590, -13.3890, 5.8670

Tritanomaly

207.1730, -34.3400, -5.4120

Monochromacy



Original Color

206.6460, -34.2940, -6.2460

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.1880, -12.3330, -2.2610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6460, -34.2940, -6.2460 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(170, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(170, 220, 234)  
}
```

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(170, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 220, 234) }
```

Border

The CSS property to change the border of an element to YIQ 206.6460, -34.2940, -6.2460 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(170, 220, 234) }
```


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

```
.border{ border-color:rgb(170, 220, 234) }
```

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

Here you see how a box with a 4 pixel rgb(170, 220, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(170, 220,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6460, -34.2940, -6.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 220, 234) }
```

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

```
.background{ background-color: rgb(170,  
220, 234) }
```

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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