

Converting Colors

YIQ(220.2390, -34.7060,
-9.7940)

Have a look what the booklet for
YIQ(220.2390, -34.7060, -9.7940)
contains.

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Color

**YIQ(220.2390, -34.7060,
-9.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	B5ECF2
RGB	181, 236, 242
RGB Percent	71%, 93%, 95%
CMY	0.2903, 0.0744, 0.0511
CMYK	0.25, 0.02, 0.00, 0.05
HSL	186°, 70%, 83%
HSV	186°, 25%, 95%
XYZ	65.0721, 76.2327, 95.2605
YIQ	220.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

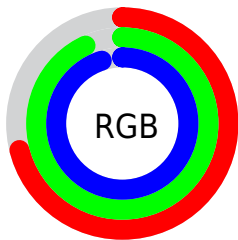
Format	Color
R_{YB}	181, 210, 242
Decimal	11922674
CIE _{Lab}	89.97, -16.08, -8.58
CIE _{LCh}	90, 18.224, 208.096
Yxy	76.2327, 0.2751, 0.3222
Android (android.graphics.Color)	4290112754 (0xFFB5ECF2)
YUV	220.2390, 10.7282, -34.4126
Hunter-Lab	87.3113, -19.7609, -3.5701

Details

The YIQ color $220.2390, -34.7060, -9.7940$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $202.7610, 34.7060, 9.7940$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, -10.1320, -3.6040$, and $164.5380, -34.1100, -9.5820$ is the 20% darker color. If you saturate the color by 10%, you get $211.8890, -48.4600, -13.8360$, and if you desaturate by 10%, it is $228.5890, -20.9520, -5.7520$.

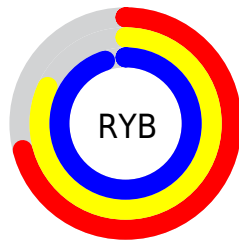
Distribution



Red (71%)

Green (93%)

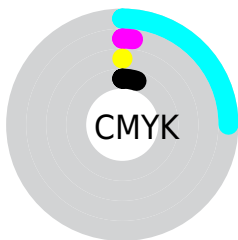
Blue (95%)



Red (71%)

Yellow (82%)

Blue (95%)

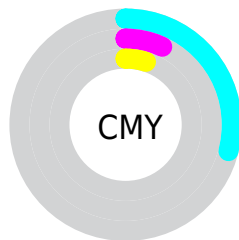


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2390, -34.7060, -9.7940 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 220.2390, -34.7060, -9.7940 by changing the saturation by 10% instead.

■ 220.2390,
-34.7060, -9.7940

■ 220.2390,
-34.7060, -9.7940

255.0000, -0.0000,
-0.0000

■ 192.2390,
-34.7060, -9.7940

■ 249.9170,
-10.1320, -3.6040

■ 164.5380,
-34.1100, -9.5820

■ 137.8370,
-33.5140, -9.3700

■ 111.8370,
-33.5140, -9.3700

■ 86.5380, -34.1100,
-9.5820

■ 61.2280, -36.1730,
-10.7410

■ 39.1250, -34.3850,

-10.1050

■ 23.8170, -21.5940,
-5.1300

■ 2.7530, -6.3740,
5.3860

■ 220.2390,
-34.7060, -9.7940

■ 220.2390,
-34.7060, -9.7940

■ 211.8890,
-48.4600, -13.8360

■ 228.5890,
-20.9520, -5.7520

■ 202.9520,
-61.9390, -17.3550

■ 237.5260, -7.4730,
-2.2330

■ 194.3030,
-76.2890, -21.6090

■ 246.1750, 6.8770,
2.0210

■ 185.9530,
-90.0430, -25.6510

■ 247.6480, 6.9230,
1.1870

■ 177.0160,
-103.5220, -29.1700

■ 249.4090, 6.0980,
-0.3820

■ 168.6660,
-117.2760, -33.2120

■ 250.5830, 5.5480,
-1.4280

■ 160.3160,
-131.0300, -37.2540

■ 252.3440, 4.7230,
-2.9970

■ 155.5540,
-137.6320, -38.7520

■ 253.5180, 4.1730,
-4.0430

Harmonies

Analogous

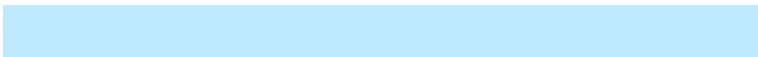
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.9810, -25.3520, -14.1200



220.2390, -34.7060, -9.7940



222.0530, -33.8820, -2.6980

Triad

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



220.2390, -34.7060, -9.7940



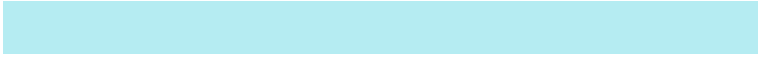
229.4610, 9.4880, 15.2800



226.0220, 20.1290, -6.8710

Complementary

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



220.2390, -34.7060, -9.7940



202.7610, 34.7060, 9.7940

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.



227.2560, 28.5180, 0.7900



220.2390, -34.7060, -9.7940



227.8550, 19.9420, 13.0460

Square

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



220.2390, -34.7060, -9.7940



227.5560, -7.0170, 11.5350



226.5040, 25.1240, 7.2360



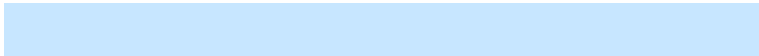
223.6180, 6.4670, -12.5810

Rectangle

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



220.2390, -34.7060, -9.7940



223.5810, -26.5010, 1.2030



226.5040, 25.1240, 7.2360



226.7560, 23.9340, -4.2420

Sweetspot

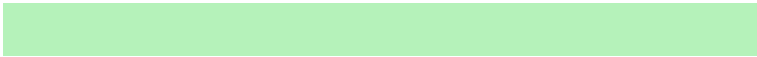
The Sweet Spot groups the original color and five complimentary colors.



220.2390, -34.7060, -9.7940



247.8460, -11.3700, -3.1940



217.3770, -18.3800, -30.3480



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.



220.2390, -34.7060, -9.7940



228.1670, -43.3710, -12.4510



202.6290, -26.4560, 5.8960



115.8250, -6.8770, -2.0210



118.4180, -104.7140, -29.5940



36.3210, -32.0010, -9.2570

Inverse Universe

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



205.5090, 18.7010, 30.0370



209.5900, 23.1470, 37.5710



220.3710, 26.4560, -5.8960



112.8420, 3.6210, 5.9650



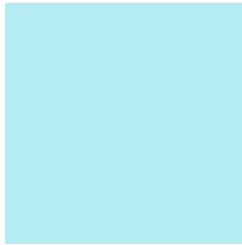
73.9400, 56.3780, 90.6340



22.5580, 17.0050, 27.7330

Previews

White Background



This preview shows how the YIQ color 220.2390, -34.7060, -9.7940 looks on a white background.

Color Contrast Check

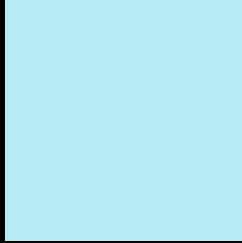
Large Text (above 18pt) WCAG AA × Fail

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 220.2390, -34.7060, -9.7940 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 220.2390, -34.7060, -9.7940

Background



This preview shows how black text looks on a background with the YIQ color 220.2390, -34.7060, -9.7940.



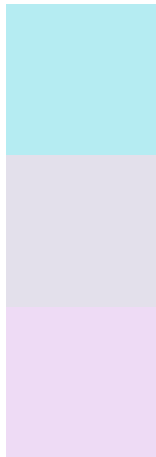
This preview shows how white text looks on a background with the YIQ color 220.2390, -34.7060, -9.7940.

-9.7940.

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

220.2390, -34.7060, -9.7940

Protanopia

226.1510, -1.7430, 4.0570

Deuteranopia

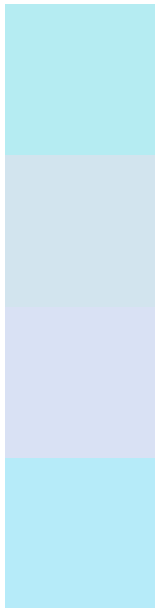
227.6450, 2.9780, 12.1140



Tritanopia

220.9170, -36.4950, -4.9030

Trichromacy



Original Color

220.2390, -34.7060, -9.7940

Protanomaly

223.7580, -13.9380, -0.7060

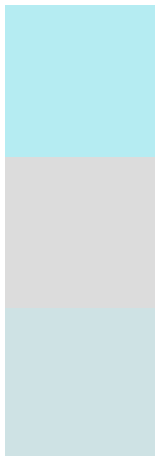
Deuteranomaly

224.7740, -10.8670, 4.2130

Tritanomaly

220.7490, -36.0820, -6.8820

Monochromacy



Original Color

220.2390, -34.7060, -9.7940

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2480, -12.5620, -3.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2390, -34.7060, -9.7940 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(181, 236, 242)` looks like.

```
.text, #text, p{  
    color:rgb(181, 236, 242)  
}
```

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(181, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 236, 242) }
```

Border

The CSS property to change the border of an element to YIQ 220.2390, -34.7060, -9.7940 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(181, 236, 242) }
```


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

```
.border{ border-color:rgb(181, 236, 242) }
```

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

Here you see how a box with a 4 pixel rgb(181, 236, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 236, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 236, 242);  
box-shadow:4px 4px 4px 4px rgb(181, 236,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2390, -34.7060, -9.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 236, 242) }
```

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

```
.background{ background-color: rgb(181,  
236, 242) }
```

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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