

Converting Colors

YIQ(221.4960, -34.2920,
-17.3000)

Have a look what the booklet for
YIQ(221.4960, -34.2920, -17.3000)
contains.

YIQ(221.4960, -34.2920, -17.3000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(221.4960, -34.2920,
-17.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F2E6
RGB	178, 242, 230
RGB Percent	70%, 95%, 90%
CMY	0.3021, 0.0509, 0.0982
CMYK	0.26, 0.00, 0.05, 0.05
HSL	169°, 71%, 82%
HSV	169°, 26%, 95%
XYZ	64.3893, 78.6918, 86.6345
YIQ	221.4960, -34.2920, -17.3000

Conversions

Conversions Part 2

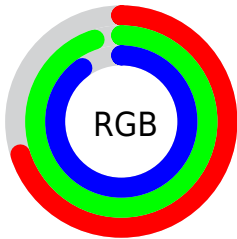
Format	Color
R _Y B	178, 213, 242
Decimal	11727590
CIE Lab	91.09, -22.48, -0.68
CIE LCh	91, 22.493, 181.737
Yxy	78.6918, 0.2803, 0.3426
Android (android.graphics.Color)	4289917670 (0xFFB2F2E6)
YUV	221.4960, 4.1925, -38.1460
Hunter-Lab	88.7084, -25.6749, 4.1920

Details

The YIQ color **221.4960, -34.2920, -17.3000** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **198.5040, 34.2920, 17.3000**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.0200, -11.9200, -4.2400**, and **165.9090, -34.0170, -16.7770** is the 20% darker color. If you saturate the color by 10%, you get **213.7500, -46.9910, -23.9430**, and if you desaturate by 10%, it is **229.2420, -21.5930, -10.6570**.

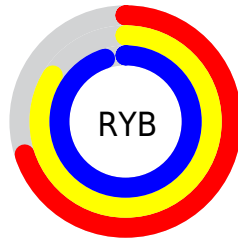
Distribution



Red (70%)

Green (95%)

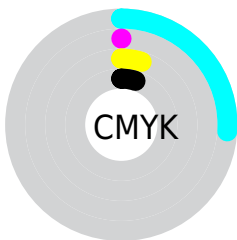
Blue (90%)



Red (70%)

Yellow (84%)

Blue (95%)

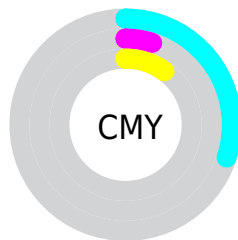


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (30%)

Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.4960, -34.2920, -17.3000 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 221.4960, -34.2920, -17.3000 by changing the saturation by 10% instead.

■ 221.4960,
-34.2920, -17.3000

■ 221.4960,
-34.2920, -17.3000

■ 255.0000, -0.0000,
-0.0000

■ 193.4960,
-34.2920, -17.3000

■ 249.0200,
-11.9200, -4.2400

■ 165.9090,
-34.0170, -16.7770

■ 139.2080,
-33.4210, -16.5650

■ 112.6210,
-33.1460, -16.0420

■ 87.3220, -33.7420,
-16.2540

■ 61.0550, -37.3640,
-16.6920

■ 40.4470, -32.5960,

-14.9960

■ 25.1390, -19.8050,
-10.0210

■ 5.2660, -3.8050,
-2.6290

■ 221.4960,
-34.2920, -17.3000

■ 221.4960,
-34.2920, -17.3000

■ 213.7500,
-46.9910, -23.9430

■ 229.2420,
-21.5930, -10.6570

■ 206.1180,
-60.0110, -30.2750

■ 236.8740, -8.5730,
-4.3250

■ 198.0730,
-73.3060, -37.1300

■ 244.9190, 4.7220,
2.5300

■ 190.4410,
-86.3260, -43.4620

■ 246.5710, 5.8220,
4.6220

■ 182.6950,
-99.0250, -50.1050

■ 247.1410, 4.2170,
6.1770

■ 175.0630,
-112.0450, -56.4370

■ 247.3690, 3.5750,
6.7990

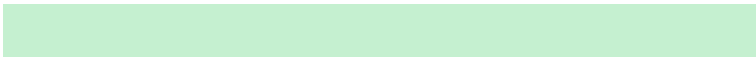
■ 167.3170,
-124.7440, -63.0800

■ 164.3980,
-129.4660, -65.6100

Harmonies

Analogous

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



223.4950, -15.3560, -19.0680



221.4960, -34.2920, -17.3000



221.5090, -44.3340, -11.5180

Triad

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



221.4960, -34.2920, -17.3000



230.8230, -3.3950, 11.9730



227.8600, 29.5730, -1.8110

Complementary

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



221.4960, -34.2920, -17.3000



198.5040, 34.2920, 17.3000

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.



226.7490, 25.8120, 5.7800



221.4960, -34.2920, -17.3000



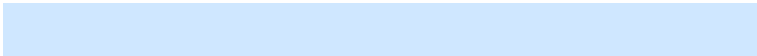
232.1240, 12.0550, 18.3190

Square

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



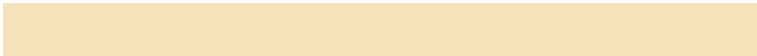
221.4960, -34.2920, -17.3000



226.5600, -22.0080, 2.3760



227.9690, 19.6210, 13.3570



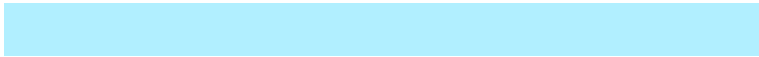
228.4090, 23.2930, -9.1470

Rectangle

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



221.4960, -34.2920, -17.3000



222.2860, -42.0880, -8.1680



227.9690, 19.6210, 13.3570



227.1420, 28.8390, 0.4790

Sweetspot

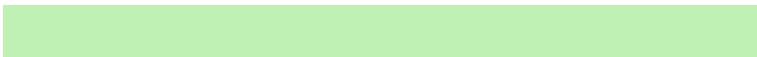
The Sweet Spot groups the original color and five complimentary colors.



221.4960, -34.2920, -17.3000



248.5640, -10.6360, -5.4840



219.4550, -9.8520, -30.7160



123.7710, -6.7850, -3.6890



0.0000, 0.0000, 0.0000



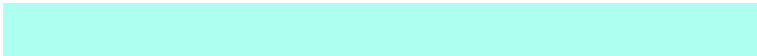
128.0000, -0.0000, -0.0000

Same Dimension

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



221.4960, -34.2920, -17.3000



228.7720, -44.0570, -22.0490



211.7110, -32.9190, -3.6310



116.1840, -6.5100, -3.1660



124.9940, -98.4290, -49.8930



38.1160, -30.1660, -14.9820

Inverse Universe

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



198.5040, 34.2920, 17.3000



199.3420, 43.7360, 22.3600



208.2890, 32.9190, 3.6310



111.8160, 6.5100, 3.1660



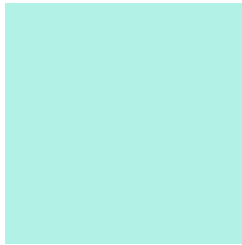
59.0060, 98.4290, 49.8930



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 221.4960, -34.2920, -17.3000 looks on a white background.

Color Contrast Check

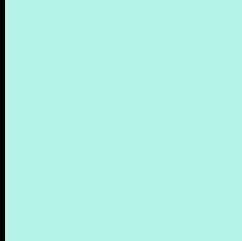
Large Text (above 18pt) WCAG AA × Fail

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 221.4960, -34.2920, -17.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

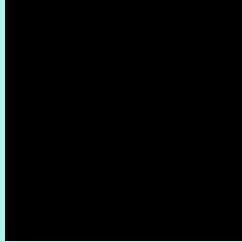
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

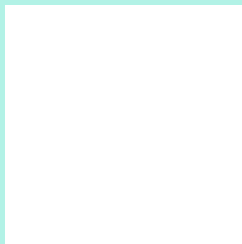
Any Text WCAG AAA ✓ Pass

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

YIQ 221.4960, -34.2920, -17.3000 Background



This preview shows how black text looks on a background with the YIQ color 221.4960, -34.2920, -17.3000.



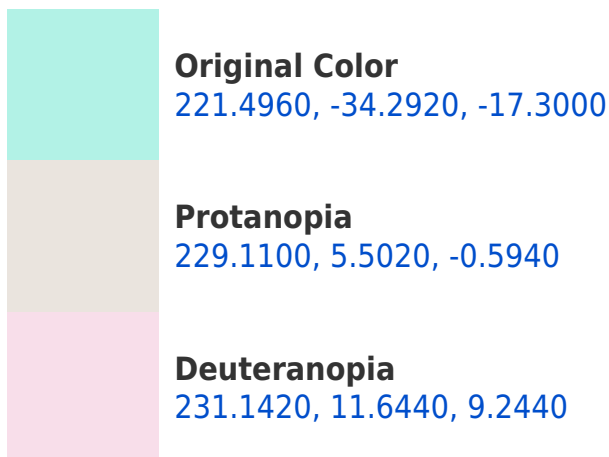
This preview shows how white text looks on a background with the YIQ color 221.4960, -34.2920, -17.3000.

-17.3000.

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

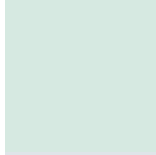
224.4010, -34.9820, -4.7900

Trichromacy



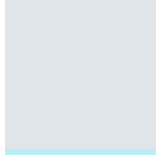
Original Color

221.4960, -34.2920, -17.3000



Protanomaly

226.4070, -8.7560, -6.5160



Deuteranomaly

227.6620, -4.8600, -0.0280



Tritanomaly

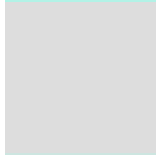
223.3530, -35.0270, -9.4830

Monochromacy



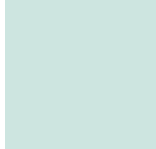
Original Color

221.4960, -34.2920, -17.3000



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.2540, -12.6990, -6.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.4960, -34.2920, -17.3000 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(178, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 242, 230)  
}
```

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(178, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 242, 230) }
```

Border

The CSS property to change the border of an element to YIQ 221.4960, -34.2920, -17.3000 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(178, 242, 230) }
```


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

```
.border{ border-color:rgb(178, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 242,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 221.4960, -34.2920, -17.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 242, 230) }
```

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

```
.background{ background-color: rgb(178,  
242, 230) }
```

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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