

Converting Colors

YIQ(210.7170, -33.0560,
-6.6560)

Have a look what the booklet for
YIQ(210.7170, -33.0560, -6.6560)
contains.

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Color

**YIQ(210.7170, -33.0560,
-6.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE0EC
RGB	175, 224, 236
RGB Percent	69%, 88%, 93%
CMY	0.3138, 0.1215, 0.0746
CMYK	0.26, 0.05, 0.00, 0.07
HSL	192°, 62%, 81%
HSV	192°, 26%, 93%
XYZ	59.4693, 68.4872, 89.4146
YIQ	210.7170, -33.0560, -6.6560

Conversions

Conversions Part 2

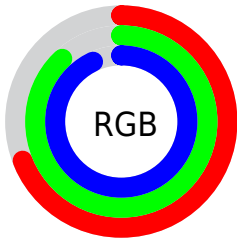
Format	Color
RYB	175, 202, 236
Decimal	11526380
CIELab	86.25, -13.08, -11.00
CIELCh	86, 17.089, 220.053
Yxy	68.4872, 0.2736, 0.3151
Android (android.graphics.Color)	4289716460 (0xFFAFE0EC)
YUV	210.7170, 12.4645, -31.3238
Hunter-Lab	82.7570, -16.5544, -6.1298

Details

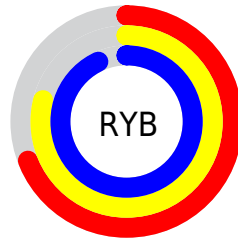
The YIQ color **210.7170, -33.0560, -6.6560** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200.2830, 33.0560, 6.6560**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **248.1230, -13.7080, -4.8760**, and **155.9020, -32.1390, -6.7550** is the 20% darker color. If you saturate the color by 10%, you get **200.6060, -45.9850, -9.1290**, and if you desaturate by 10%, it is **220.8280, -20.1270, -4.1830**.

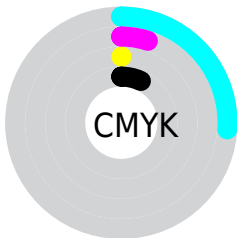
Distribution



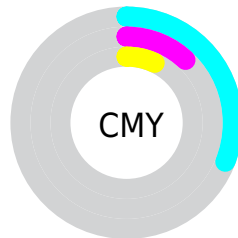
- Red (69%)
- Green (88%)
- Blue (93%)



- Red (69%)
- Yellow (79%)
- Blue (93%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.7170, -33.0560, -6.6560 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 210.7170, -33.0560, -6.6560 by changing the saturation by 10% instead.

■ 210.7170,
-33.0560, -6.6560

■ 210.7170,
-33.0560, -6.6560

■ 255.0000, -0.0000,
-0.0000

■ 183.0160,
-32.4600, -6.4440

■ 248.1230,
-13.7080, -4.8760

■ 155.9020,
-32.1390, -6.7550

■ 129.2010,
-31.5430, -6.5430

■ 103.7880,
-31.8180, -7.0660

■ 78.4890, -32.4140,
-7.2780

■ 53.2930, -34.7980,
-8.1260

■ 33.3860, -30.6260,

-6.6420

■ 19.1380, -18.0640,
-3.0240

■ 1.2540, -3.5310,
3.4210

■ 210.7170,
-33.0560, -6.6560

■ 210.7170,
-33.0560, -6.6560

■ 200.6060,
-45.9850, -9.1290

■ 220.8280,
-20.1270, -4.1830

■ 191.3810,
-58.5930, -11.9130

■ 230.0530, -7.5190,
-1.3990

■ 181.2700,
-71.5220, -14.3860

■ 240.1640, 5.4100,
1.0740

■ 172.0450,
-84.1300, -17.1700

■ 245.7900, 9.3990,
0.3670

■ 161.9340,
-97.0590, -19.6430

■ 248.1380, 8.2990,
-1.7250

■ 151.8230,
-109.9880, -22.1160

■ 251.0730, 6.9240,
-4.3400

■ 142.5980,
-122.5960, -24.9000

■ 252.8340, 6.0990,
-5.9090

■ 138.4340,
-128.0060, -25.9740

Harmonies

Analogous

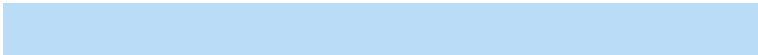
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209.8930, -27.9200, -11.6320



210.7170, -33.0560, -6.6560



212.7980, -28.6100, 0.8780

Triad

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



210.7170, -33.0560, -6.6560



219.1580, 14.7150, 14.1630



214.4450, 14.4440, -8.4680

Complementary

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



210.7170, -33.0560, -6.6560



200.2830, 33.0560, 6.6560

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.



216.5220, 24.7130, -1.8390



210.7170, -33.0560, -6.6560



219.1390, 24.8940, 11.4060

Square

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



210.7170, -33.0560, -6.6560



218.3180, -0.4150, 13.0330



218.3040, 28.5630, 5.4830



212.7960, 0.0940, -12.7220

Rectangle

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



210.7170, -33.0560, -6.6560



214.8530, -21.2750, 5.6130



218.3040, 28.5630, 5.4830



215.6520, 18.2950, -6.6730

Sweetspot

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



210.7170, -33.0560, -6.6560



246.6720, -10.8200, -2.1480



212.0610, -20.3060, -28.4820



122.3520, -6.9230, -1.1870



0.0000, 0.0000, 0.0000



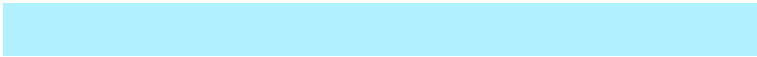
128.0000, -0.0000, -0.0000

Same Dimension

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



210.7170, -33.0560, -6.6560



222.5740, -42.9590, -8.9030



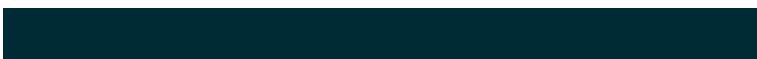
193.1070, -24.8060, 9.0340



112.5370, -6.0060, -1.2860



106.3360, -98.2510, -20.0670



31.3970, -29.1590, -5.6950

Inverse Universe

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



198.8250, 20.6270, 28.1710



206.9170, 26.5400, 36.6520



217.8930, 24.8060, -9.0340



110.3150, 3.6670, 5.1310



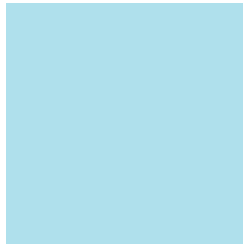
70.7630, 61.0100, 83.7780



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 210.7170, -33.0560, -6.6560 looks on a white background.

Color Contrast Check

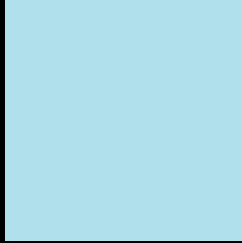
Large Text (above 18pt) WCAG AA × Fail

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 210.7170, -33.0560, -6.6560 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 210.7170, -33.0560, -6.6560

Background



This preview shows how black text looks on a background with the YIQ color 210.7170, -33.0560, -6.6560.



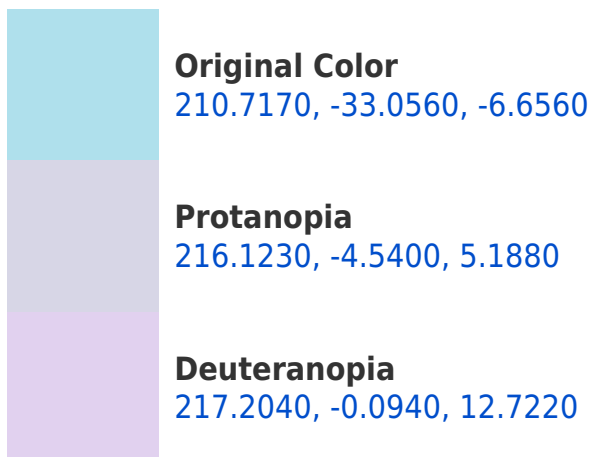
This preview shows how white text looks on a background with the YIQ color 210.7170, -33.0560, -6.6560.

-6.6560.

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

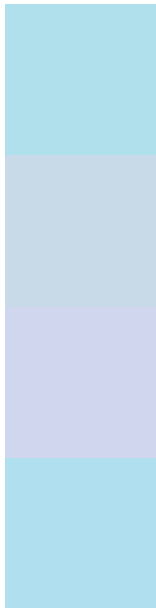




Tritanopia

210.9990, -33.7900, -4.3660

Trichromacy



Original Color

210.7170, -33.0560, -6.6560

Protanomaly

214.2140, -15.2220, 0.5380

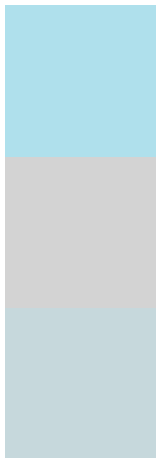
Deuteranomaly

214.6430, -11.8760, 5.9800

Tritanomaly

210.7710, -33.1480, -4.9880

Monochromacy



Original Color

210.7170, -33.0560, -6.6560

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0740, -12.0120, -2.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.7170, -33.0560, -6.6560 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(175, 224, 236)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 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(175, 224, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 236) }
```

Border

The CSS property to change the border of an element to YIQ 210.7170, -33.0560, -6.6560 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(175, 224, 236) }
```


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

```
.border{ border-color:rgb(175, 224, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 224, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 224, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 224, 236); box-shadow:4px 4px 4px 4px rgb(175, 224, 236) }
```

Background

The CSS property to change the background color of an element to YIQ 210.7170, -33.0560, -6.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 236) }
```

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

```
.background{ background-color: rgb(175,  
224, 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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