

Converting Colors

YIQ(213.9290, -36.7690,
-10.9530)

Have a look what the booklet for
YIQ(213.9290, -36.7690, -10.9530)
contains.

YIQ(213.9290, -36.7690, -10.9530)	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(213.9290, -36.7690,
-10.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE7EC
RGB	172, 231, 236
RGB Percent	67%, 91%, 93%
CMY	0.3256, 0.0940, 0.0747
CMYK	0.27, 0.02, 0.00, 0.07
HSL	185°, 63%, 80%
HSV	185°, 27%, 93%
XYZ	60.7232, 71.9863, 90.0221
YIQ	213.9290, -36.7690, -10.9530

Conversions

Conversions Part 2

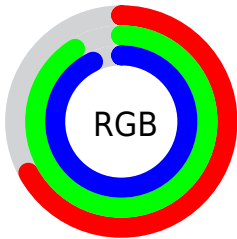
Format	Color
R _Y B	172, 203, 236
Decimal	11331564
CIE Lab	87.96, -17.48, -8.47
CIE LCh	88, 19.421, 205.849
Yxy	71.9863, 0.2726, 0.3232
Android (android.graphics.Color)	4289521644 (0xFFACE7EC)
YUV	213.9290, 10.8810, -36.7717
Hunter-Lab	84.8448, -20.7263, -3.5166

Details

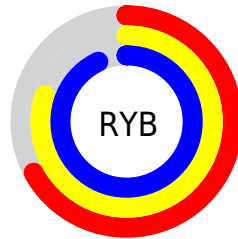
The YIQ color **213.9290, -36.7690, -10.9530** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **194.0710, 36.7690, 10.9530**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2260, -15.4960, -5.5120**, and **158.5270, -35.5770, -10.5290** is the 20% darker color. If you saturate the color by 10%, you get **205.5790, -50.5230, -14.9950**, and if you desaturate by 10%, it is **222.2790, -23.0150, -6.9110**.

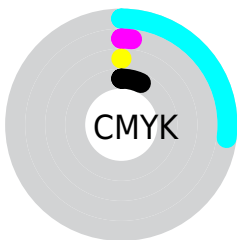
Distribution



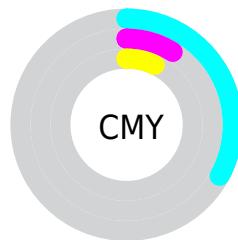
- Red (67%)
- Green (91%)
- Blue (93%)



- Red (67%)
- Yellow (80%)
- Blue (93%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.9290, -36.7690, -10.9530 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 213.9290, -36.7690, -10.9530 by changing the saturation by 10% instead.

■ 213.9290,
-36.7690, -10.9530

■ 213.9290,
-36.7690, -10.9530

■ 255.0000, -0.0000,
-0.0000

■ 185.9290,
-36.7690, -10.9530

■ 247.2260,
-15.4960, -5.5120

■ 158.5270,
-35.5770, -10.5290

■ 132.1140,
-35.8520, -11.0520

■ 106.1140,
-35.8520, -11.0520

■ 80.5160, -37.0440,
-11.4760

■ 53.5260, -43.0040,
-13.5960

■ 36.3210, -32.0010,

-9.2570

■ 21.4860, -19.1640,
-5.1160

■ 1.3680, -3.8520,
3.7320

■ 213.9290,
-36.7690, -10.9530

■ 213.9290,
-36.7690, -10.9530

■ 205.5790,
-50.5230, -14.9950

■ 222.2790,
-23.0150, -6.9110

■ 197.5280,
-63.6810, -18.8250

■ 230.3300, -9.8570,
-3.0810

■ 189.7650,
-77.7100, -23.3900

■ 238.0930, 4.1720,
1.4840

■ 181.7140,
-90.8680, -27.2200

■ 242.8550, 10.7740,
2.9820

■ 173.3640,
-104.6220, -31.2620

■ 244.0290, 10.2240,
1.9360

■ 165.0140,
-118.3760, -35.3040

■ 245.2030, 9.6740,
0.8900

■ 156.9630,
-131.5340, -39.1340

■ 246.3770, 9.1240,
-0.1560

■ 154.8700,
-135.7060, -40.6180

■ 247.5510, 8.5740,
-1.2020

■ 248.1380, 8.2990,
-1.7250

Harmonies

Analogous

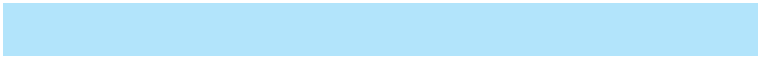
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.1550, -25.9020, -15.1660



213.9290, -36.7690, -10.9530



215.6720, -37.1830, -3.4470

Triad

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



213.9290, -36.7690, -10.9530



223.8030, 8.5250, 16.2130



220.1040, 22.8340, -6.3340

Complementary

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



213.9290, -36.7690, -10.9530



194.0710, 36.7690, 10.9530

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.



222.4520, 30.9020, 1.6380



213.9290, -36.7690, -10.9530



223.8770, 22.8760, 14.9400

Square

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



213.9290, -36.7690, -10.9530



222.4140, -9.4930, 12.3550



222.2980, 28.7000, 8.5080



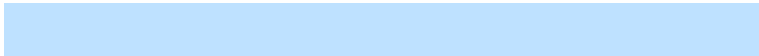
217.9880, 8.3010, -12.7790

Rectangle

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



213.9290, -36.7690, -10.9530



217.9550, -30.4900, 1.9100



222.2980, 28.7000, 8.5080



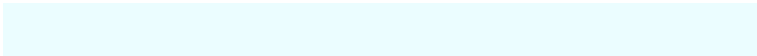
220.8380, 26.6390, -3.7050

Sweetspot

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



213.9290, -36.7690, -10.9530



247.8460, -11.3700, -3.1940



210.0240, -18.8840, -32.2280



123.5260, -7.4730, -2.2330



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.



213.9290, -36.7690, -10.9530



226.3620, -48.4140, -14.6700



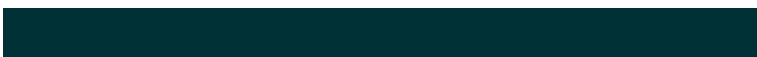
195.7320, -28.2440, 5.2600



113.1240, -6.2810, -1.8090



118.6630, -104.0260, -31.0500



34.9190, -30.8090, -8.8330

Inverse Universe

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



197.8620, 19.2050, 31.9170



205.0080, 25.0260, 42.0660



212.2680, 28.2440, -5.2600



110.4290, 3.3460, 5.4420



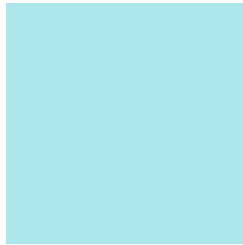
73.1570, 54.2690, 90.3090



21.7320, 16.4550, 26.6870

Previews

White Background



This preview shows how the YIQ color 213.9290, -36.7690, -10.9530 looks on a white background.

Color Contrast Check

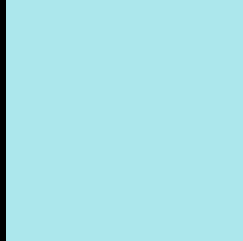
Large Text (above 18pt) WCAG AA × Fail

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 213.9290, -36.7690, -10.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

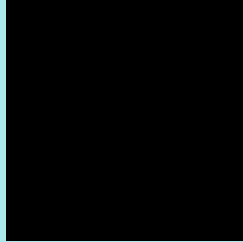
Any Text WCAG AA ✓ Pass

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 213.9290, -36.7690, -10.9530 Background



This preview shows how black text looks on a background with the YIQ color 213.9290, -36.7690, -10.9530.



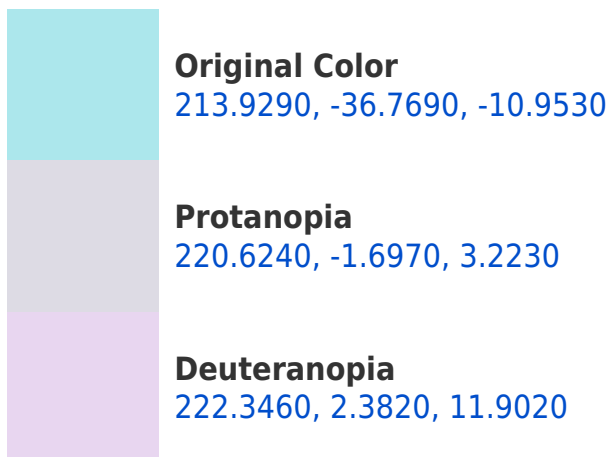
This preview shows how white text looks on a background with the YIQ color 213.9290, -36.7690, -10.9530.

-10.9530.

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

215.0200, -38.2830, -5.5390

Trichromacy



Original Color

213.9290, -36.7690, -10.9530

Protanomaly

217.9320, -14.4880, -1.7520

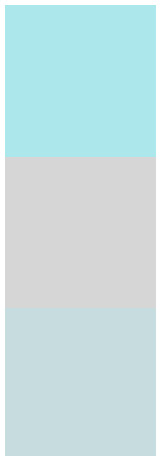
Deuteranomaly

219.1760, -12.0590, 3.7890

Tritanomaly

214.8520, -37.8700, -7.5180

Monochromacy



Original Color

213.9290, -36.7690, -10.9530

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.9490, -13.1580, -3.8300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.9290, -36.7690, -10.9530 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(172, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(172, 231, 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(172, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 231, 236) }
```

Border

The CSS property to change the border of an element to YIQ 213.9290, -36.7690, -10.9530 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(172, 231, 236) }
```


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

```
.border{ border-color:rgb(172, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(172, 231,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 213.9290, -36.7690, -10.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 231, 236) }
```

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

```
.background{ background-color: rgb(172,  
231, 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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