

Converting Colors

YIQ(211.1990, -46.3970,
-12.6770)

Have a look what the booklet for
YIQ(211.1990, -46.3970, -12.6770)
contains.

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Color

**YIQ(211.1990, -46.3970,
-12.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE8F1
RGB	159, 232, 241
RGB Percent	62%, 91%, 95%
CMY	0.3766, 0.0901, 0.0551
CMYK	0.34, 0.04, 0.00, 0.06
HSL	187°, 74%, 78%
HSV	187°, 34%, 94%
XYZ	59.0247, 71.4450, 93.8603
YIQ	211.1990, -46.3970, -12.6770

Conversions

Conversions Part 2

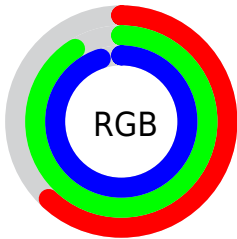
Format	Color
R_{YB}	159, 198, 241
Decimal	10479857
CIE _{Lab}	87.70, -20.40, -11.55
CIE _{LCh}	88, 23.446, 209.509
Yxy	71.4450, 0.2631, 0.3185
Android (android.graphics.Color)	4288669937 (0xFF9FE8F1)
YUV	211.1990, 14.6919, -45.7785
Hunter-Lab	84.5252, -23.2708, -6.6705

Details

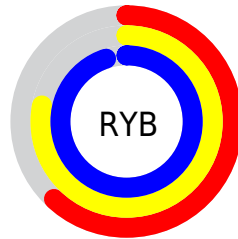
The YIQ color **211.1990, -46.3970, -12.6770** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **188.8010, 46.3970, 12.6770**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **243.3390, -23.2440, -8.2680**, and **155.4980, -45.8010, -12.4650** is the 20% darker color. If you saturate the color by 10%, you get **202.2620, -59.8760, -16.1960**, and if you desaturate by 10%, it is **220.1360, -32.9180, -9.1580**.

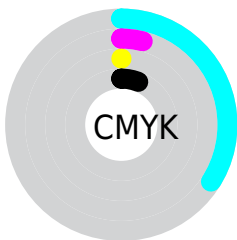
Distribution



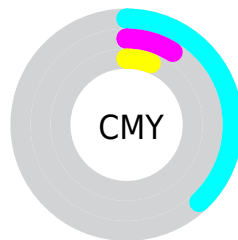
- Red (62%)
- Green (91%)
- Blue (95%)



- Red (62%)
- Yellow (78%)
- Blue (95%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (38%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.1990, -46.3970, -12.6770 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 211.1990, -46.3970, -12.6770 by changing the saturation by 10% instead.

211.1990,
-46.3970, -12.6770

211.1990,
-46.3970, -12.6770

255.0000, -0.0000,
-0.0000

183.1990,
-46.3970, -12.6770

243.3390,
-23.2440, -8.2680

155.4980,
-45.8010, -12.4650

252.0100, -5.9600,
-2.1200

128.1990,
-46.3970, -12.6770

101.3020,
-48.1850, -13.3130

72.1160, -56.5290,
-16.2810

52.9000, -46.9930,
-12.8890

36.6630, -32.9640,

-8.3240

■ 22.5290, -20.7230,
-4.3950

■ 2.5250, -5.7320,
4.7640

■ 211.1990,
-46.3970, -12.6770

■ 211.1990,
-46.3970, -12.6770

■ 202.2620,
-59.8760, -16.1960

■ 220.1360,
-32.9180, -9.1580

■ 193.9120,
-73.6300, -20.2380

■ 228.4860,
-19.1640, -5.1160

■ 184.9750,
-87.1090, -23.7570

■ 237.4230, -5.6850,
-1.5970

■ 176.6250,
-100.8630, -27.7990

■ 246.3600, 7.7940,
1.9220

■ 167.3890,
-114.9380, -31.5300

■ 247.5340, 7.2440,
0.8760

■ 158.4520,
-128.4170, -35.0490

■ 249.2950, 6.4190,
-0.6930

■ 153.6790,
-136.4860, -37.4940

■ 250.4690, 5.8690,
-1.7390

■ 252.2300, 5.0440,
-3.3080

■ 253.4040, 4.4940,
-4.3540

Harmonies

Analogous

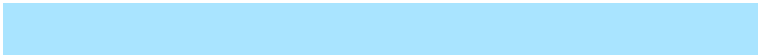
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.6700, -34.8420, -18.3460



211.1990, -46.3970, -12.6770



213.4370, -43.8310, -4.1110

Triad

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



211.1990, -46.3970, -12.6770



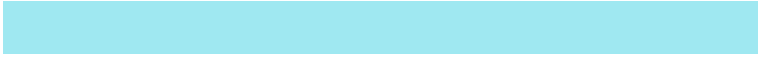
224.2490, 13.2010, 19.5770



218.8930, 24.8060, -9.0340

Complementary

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



211.1990, -46.3970, -12.6770



188.8010, 46.3970, 12.6770

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.



220.8500, 35.5330, 0.3090



211.1990, -46.3970, -12.6770



221.1870, 24.9390, 16.0990

Square

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



211.1990, -46.3970, -12.6770



221.3650, -7.7970, 14.6590



219.8530, 31.4510, 8.2110



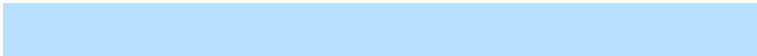
216.3960, 6.9720, -16.2280

Rectangle

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



211.1990, -46.3970, -12.6770



215.5740, -33.7910, 1.1610



219.8530, 31.4510, 8.2110



220.1110, 30.1240, -6.2920

Sweetspot

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



211.1990, -46.3970, -12.6770



245.7640, -14.0750, -3.7310



208.0460, -25.1180, -40.3980



122.0420, -8.9860, -2.3460



0.0000, 0.0000, 0.0000



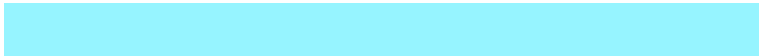
128.0000, -0.0000, -0.0000

Same Dimension

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



211.1990, -46.3970, -12.6770



217.1480, -59.5550, -16.5070



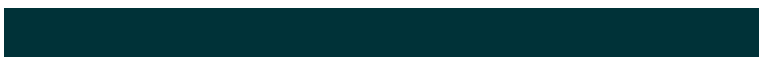
187.7190, -35.3970, 8.2430



115.8250, -6.8770, -2.0210



117.2440, -104.1640, -28.5480



35.7340, -31.7260, -8.7340

Inverse Universe

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



191.8400, 25.4390, 40.0870



192.1110, 32.4060, 51.4940



212.2810, 35.3970, -8.2430



112.8420, 3.6210, 5.9650



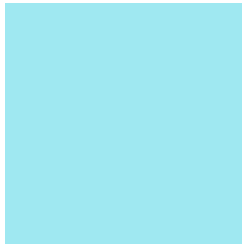
73.7120, 57.0200, 90.0120



22.4440, 17.3260, 27.4220

Previews

White Background



This preview shows how the YIQ color 211.1990, -46.3970, -12.6770 looks on a white background.

Color Contrast Check

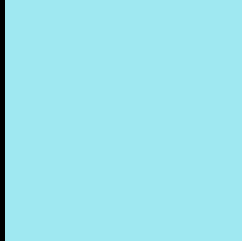
Large Text (above 18pt) WCAG AA × Fail

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 211.1990, -46.3970, -12.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

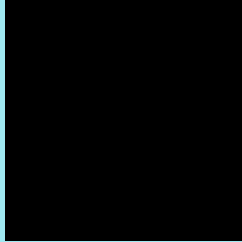
Any Text WCAG AA ✓ Pass

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 211.1990, -46.3970, -12.6770 Background



This preview shows how black text looks on a background with the YIQ color 211.1990, -46.3970, -12.6770.



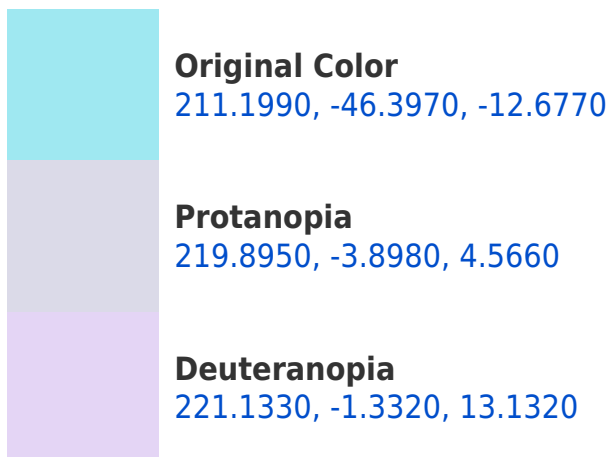
This preview shows how white text looks on a background with the YIQ color 211.1990, -46.3970, -12.6770.

-12.6770.

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

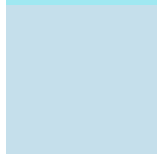
212.1220, -47.4980, -9.2420

Trichromacy



Original Color

211.1990, -46.3970, -12.6770



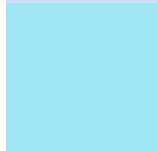
Protanomaly

216.5940, -19.3480, -1.7800



Deuteranomaly

217.6530, -17.8360, 3.8600



Tritanomaly

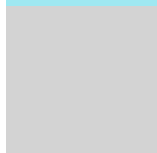
211.4810, -47.1310, -10.3870

Monochromacy



Original Color

211.1990, -46.3970, -12.6770



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

211.2690, -17.0550, -4.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.1990, -46.3970, -12.6770 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(159, 232, 241)` looks like.

```
.text, #text, p{  
    color:rgb(159, 232, 241)  
}
```

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(159, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 232, 241) }
```

Border

The CSS property to change the border of an element to YIQ 211.1990, -46.3970, -12.6770 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(159, 232, 241) }
```


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

```
.border{ border-color:rgb(159, 232, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 232, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(159, 232,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 211.1990, -46.3970, -12.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 232, 241) }
```

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

```
.background{ background-color: rgb(159,  
232, 241) }
```

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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