

Converting Colors

YIQ(211.0630, -49.0100,
-14.8820)

Have a look what the booklet for
YIQ(211.0630, -49.0100, -14.8820)
contains.

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Color

**YIQ(211.0630, -49.0100,
-14.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	9BEAF0
RGB	155, 234, 240
RGB Percent	61%, 92%, 94%
CMY	0.3923, 0.0822, 0.0590
CMYK	0.35, 0.02, 0.00, 0.06
HSL	184°, 74%, 77%
HSV	184°, 35%, 94%
XYZ	58.6615, 72.1167, 93.2267
YIQ	211.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

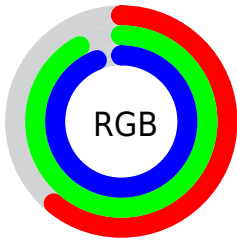
Format	Color
R _{YB}	155, 196, 240
Decimal	10218224
CIE _{Lab}	88.02, -22.68, -10.56
CIE _{LCh}	88, 25.017, 204.971
Y _{xy}	72.1167, 0.2619, 0.3219
Android (android.graphics.Color)	4288408304 (0xFF9BEAF0)
YUV	211.0630, 14.2659, -49.1673
Hunter-Lab	84.9216, -25.3099, -5.6433

Details

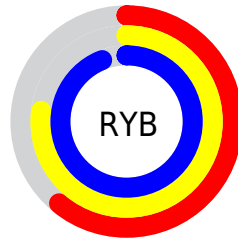
The YIQ color **211.0630, -49.0100, -14.8820** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **183.9370, 49.0100, 14.8820**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **242.1430, -25.6280, -9.1160**, and **155.0630, -49.0100, -14.8820** is the 20% darker color. If you saturate the color by 10%, you get **202.7130, -62.7640, -18.9240**, and if you desaturate by 10%, it is **219.4130, -35.2560, -10.8400**.

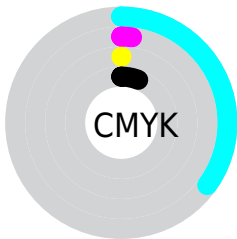
Distribution



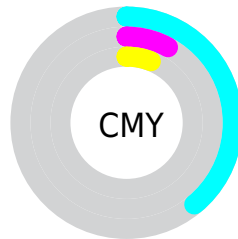
- Red (61%)
- Green (92%)
- Blue (94%)



- Red (61%)
- Yellow (77%)
- Blue (94%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (39%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.0630, -49.0100, -14.8820 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 211.0630, -49.0100, -14.8820 by changing the saturation by 10% instead.

211.0630,
-49.0100, -14.8820

211.0630,
-49.0100, -14.8820

255.0000, -0.0000,
-0.0000

183.0630,
-49.0100, -14.8820

242.1430,
-25.6280, -9.1160

155.0630,
-49.0100, -14.8820

251.1130, -7.7480,
-2.7560

127.7640,
-49.6060, -15.0940

100.5680,
-51.9900, -15.9420

70.7840, -61.5260,
-19.3340

53.9600, -47.2220,
-14.2460

37.8370, -33.5140,

-9.3700

■ 23.0020, -20.6770,
-5.2290

■ 2.4110, -5.4110,
4.4530

■ 211.0630,
-49.0100, -14.8820

■ 211.0630,
-49.0100, -14.8820

■ 202.7130,
-62.7640, -18.9240

■ 219.4130,
-35.2560, -10.8400

■ 194.9500,
-76.7930, -23.4890

■ 227.1760,
-21.2270, -6.2750

■ 186.6000,
-90.5470, -27.5310

■ 235.5260, -7.4730,
-2.2330

■ 178.2500,
-104.3010, -31.5730

■ 243.8760, 6.2810,
1.8090

■ 170.4870,
-118.3300, -36.1380

■ 245.6590, 8.3900,
2.1340

■ 162.1370,
-132.0840, -40.1800

■ 246.8330, 7.8400,
1.0880

■ 158.2610,
-138.3650, -41.9890

■ 248.0070, 7.2900,
0.0420

■ 248.5940, 7.0150,
-0.4810

■ 249.7680, 6.4650,
-1.5270

Harmonies

Analogous

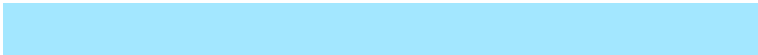
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.9150, -34.1540, -19.8020



211.0630, -49.0100, -14.8820



213.4040, -48.2320, -6.9520

Triad

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



211.0630, -49.0100, -14.8820



225.1070, 10.7250, 20.3970



220.4590, 29.0240, -8.3840

Complementary

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



211.0630, -49.0100, -14.8820



183.9370, 49.0100, 14.8820

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.



220.3770, 35.4870, 1.1430



211.0630, -49.0100, -14.8820



221.7570, 23.3340, 17.6540

Square

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



211.0630, -49.0100, -14.8820



221.6420, -10.1350, 12.9770



219.6080, 30.7630, 9.6670



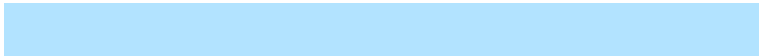
217.4350, 11.2360, -16.4120

Rectangle

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



211.0630, -49.0100, -14.8820



215.5410, -38.1920, -1.6800



219.6080, 30.7630, 9.6670



220.9050, 33.7000, -5.0200

Sweetspot

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



211.0630, -49.0100, -14.8820



245.4540, -16.1380, -4.8900



205.5790, -25.3010, -42.5890



121.7430, -9.5820, -2.5580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

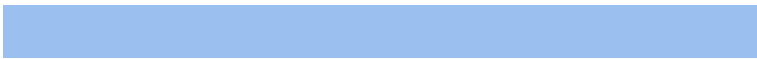
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211.0630, -49.0100, -14.8820



217.4140, -63.3600, -19.1360



186.4090, -37.4600, 7.0840



115.8250, -6.8770, -2.0210



121.3530, -106.0890, -32.2090



36.9080, -32.2760, -9.7800

Inverse Universe

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



189.4210, 25.3010, 42.5890



189.5180, 32.8180, 55.0420



208.5910, 37.4600, -7.0840



112.8420, 3.6210, 5.9650



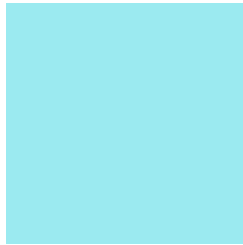
74.5100, 54.7730, 92.1890



22.6720, 16.6840, 28.0440

Previews

White Background



This preview shows how the YIQ color 211.0630, -49.0100, -14.8820 looks on a white background.

Color Contrast Check

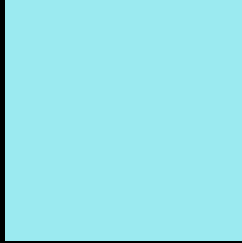
Large Text (above 18pt) WCAG AA × Fail

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 211.0630, -49.0100, -14.8820 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 211.0630, -49.0100, -14.8820 Background



This preview shows how black text looks on a background with the YIQ color 211.0630, -49.0100, -14.8820.



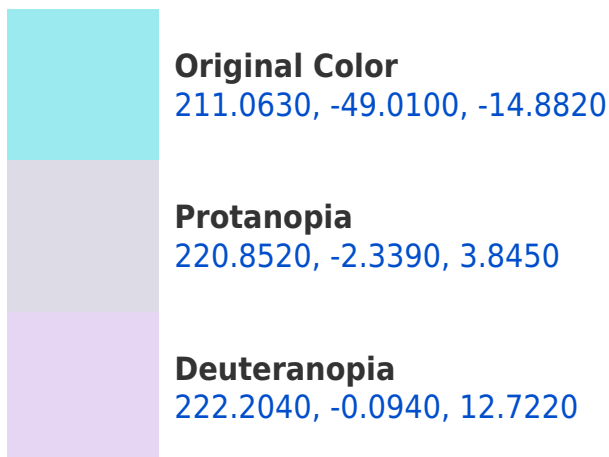
This preview shows how white text looks on a background with the YIQ color 211.0630, -49.0100, -14.8820.

-14.8820.

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

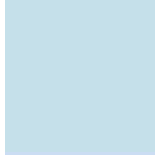
212.0400, -50.2030, -9.7790

Trichromacy



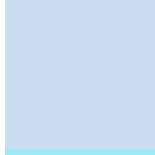
Original Color

211.0630, -49.0100, -14.8820



Protanomaly

217.0670, -19.3020, -2.6140



Deuteranomaly

218.1260, -17.7900, 3.0260



Tritanomaly

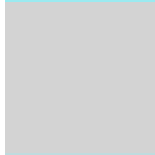
211.8720, -49.7900, -11.7580

Monochromacy



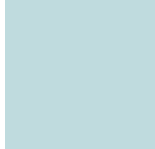
Original Color

211.0630, -49.0100, -14.8820



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

210.9700, -17.6510, -5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.0630, -49.0100, -14.8820 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(155, 234, 240)` looks like.

```
.text, #text, p{  
    color:rgb(155, 234, 240)  
}
```

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(155, 234, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 234, 240) }
```

Border

The CSS property to change the border of an element to YIQ 211.0630, -49.0100, -14.8820 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(155, 234, 240) }
```


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

```
.border{ border-color:rgb(155, 234, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 234, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 234, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 234, 240);  
box-shadow:4px 4px 4px 4px rgb(155, 234,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 211.0630, -49.0100, -14.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 234, 240) }
```

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

```
.background{ background-color: rgb(155,  
234, 240) }
```

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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