

Converting Colors

YIQ(197.1650, -49.0570,
-8.5210)

Have a look what the booklet for
YIQ(197.1650, -49.0570, -8.5210)
contains.

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Color

**YIQ(197.1650, -49.0570,
-8.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	91D8ED
RGB	145, 216, 237
RGB Percent	57%, 85%, 93%
CMY	0.4315, 0.1528, 0.0708
CMYK	0.39, 0.09, 0.00, 0.07
HSL	194°, 72%, 75%
HSV	194°, 39%, 93%
XYZ	51.5118, 61.2545, 89.1879
YIQ	197.1650, -49.0570, -8.5210

Conversions

Conversions Part 2

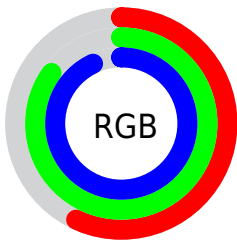
Format	Color
R _{YB}	145, 185, 237
Decimal	9558253
CIE Lab	82.52, -16.98, -17.28
CIE LCh	83, 24.224, 225.496
Yxy	61.2545, 0.2551, 0.3033
Android (android.graphics.Color)	4287748333 (0xFF91D8ED)
YUV	197.1650, 19.6387, -45.7487
Hunter-Lab	78.2652, -19.4809, -12.7788

Details

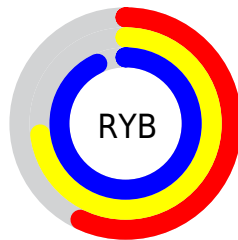
The YIQ color **197.1650, -49.0570, -8.5210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184.8350, 49.0570, 8.5210**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1530, -31.5880, -11.2360**, and **141.7520, -49.3320, -9.0440** is the 20% darker color. If you saturate the color by 10%, you get **187.0540, -61.9860, -10.9940**, and if you desaturate by 10%, it is **207.2760, -36.1280, -6.0480**.

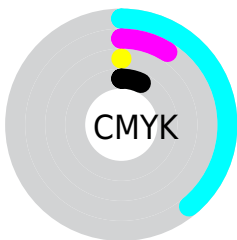
Distribution



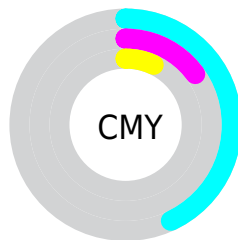
- Red (57%)
- Green (85%)
- Blue (93%)



- Red (57%)
- Yellow (73%)
- Blue (93%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (43%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.1650, -49.0570, -8.5210 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 197.1650, -49.0570, -8.5210 by changing the saturation by 10% instead.

■ 197.1650,
-49.0570, -8.5210

■ 197.1650,
-49.0570, -8.5210

■ 255.0000, -0.0000,
-0.0000

■ 169.1650,
-49.0570, -8.5210

■ 239.1530,
-31.5880, -11.2360

■ 141.7520,
-49.3320, -9.0440

■ 247.8240,
-14.3040, -5.0880

■ 115.0400,
-50.2030, -9.7790

■ 86.9470, -54.3750,
-11.2630

■ 61.6370, -56.4380,
-12.4220

■ 45.4000, -42.4090,
-7.8570

■ 29.8640, -28.9760,

-3.5040

■ 14.5560, -16.1850,
1.4710

■ 1.2540, -3.5310,
3.4210

■ 197.1650,
-49.0570, -8.5210

■ 197.1650,
-49.0570, -8.5210

■ 187.0540,
-61.9860, -10.9940

■ 207.2760,
-36.1280, -6.0480

■ 176.6550,
-74.0440, -12.7320

■ 217.6750,
-24.0700, -4.3100

■ 166.5440,
-86.9730, -15.2050

■ 227.7860,
-11.1410, -1.8370

■ 155.8460,
-99.6270, -17.1550

■ 238.4840, 1.5130,
0.1130

■ 145.7350,
-112.5560, -19.6280

■ 245.9040, 9.0780,
0.6780

■ 135.9230,
-124.8890, -21.8890

■ 248.8390, 7.7030,
-1.9370

■ 134.4390,
-126.4020, -22.0020

■ 252.3610, 6.0530,
-5.0750

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

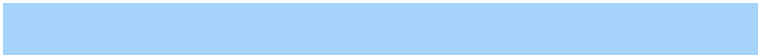
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195.7600, -43.7830, -15.9990



197.1650, -49.0570, -8.5210



201.5780, -39.6140, 2.0660

Triad

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



197.1650, -49.0570, -8.5210



209.2240, 23.5170, 19.8450



203.2400, 16.2790, -14.1930

Complementary

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



197.1650, -49.0570, -8.5210



184.8350, 49.0570, 8.5210

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.



205.5350, 31.8660, -4.8220



197.1650, -49.0570, -8.5210



208.4070, 35.9430, 14.9110

Square

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



197.1650, -49.0570, -8.5210



209.0460, 3.5270, 18.6870



207.2790, 38.8790, 5.7510



200.3560, -4.7190, -19.1110

Rectangle

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



197.1650, -49.0570, -8.5210



204.4380, -27.2360, 9.0200



207.2790, 38.8790, 5.7510



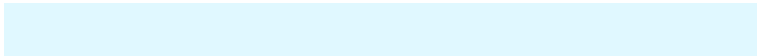
203.7570, 22.1930, -11.2390

Sweetspot

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



197.1650, -49.0570, -8.5210



241.6220, -16.5510, -2.9110



201.2840, -31.7200, -41.8960



119.6830, -9.3530, -1.2010



0.0000, 0.0000, 0.0000



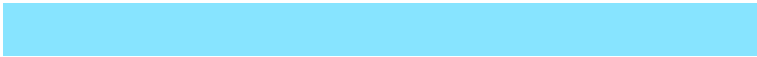
128.0000, -0.0000, -0.0000

Same Dimension

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



197.1650, -49.0570, -8.5210



203.2710, -64.0950, -11.3190



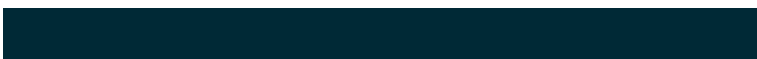
170.7500, -36.6820, 15.0140



112.5370, -6.0060, -1.2860



102.8140, -96.6010, -16.9290



30.2230, -28.6090, -4.6490

Inverse Universe

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



180.6020, 32.0410, 41.5850



181.4820, 41.6670, 54.3630



211.2500, 36.6820, -15.0140



110.3150, 3.6670, 5.1310



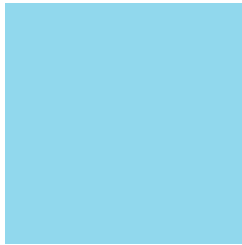
70.0790, 62.9360, 81.9120



20.8200, 19.0230, 24.1990

Previews

White Background



This preview shows how the YIQ color 197.1650, -49.0570, -8.5210 looks on a white background.

Color Contrast Check

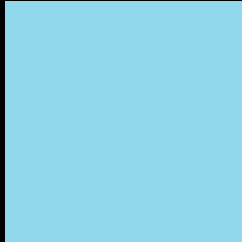
Large Text (above 18pt) WCAG AA × Fail

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 197.1650, -49.0570, -8.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

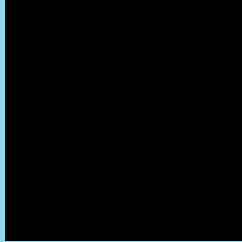
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.1650, -49.0570, -8.5210

Background



This preview shows how black text looks on a background with the YIQ color 197.1650, -49.0570, -8.5210.



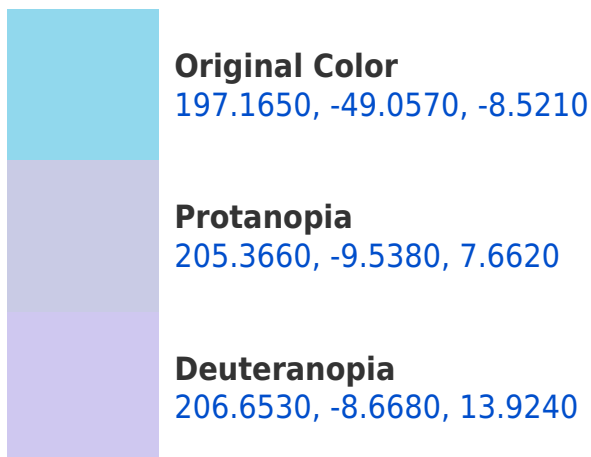
This preview shows how white text looks on a background with the YIQ color 197.1650, -49.0570, -8.5210.

-8.5210.

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

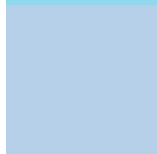
197.1110, -48.9650, -10.1890

Trichromacy



Original Color

197.1650, -49.0570, -8.5210



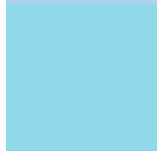
Protanomaly

202.6630, -23.7960, 1.7400



Deuteranomaly

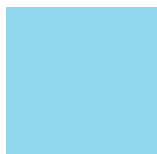
203.1840, -23.7050, 5.5990



Tritanomaly

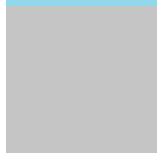
197.2250, -49.2860, -9.8780

Monochromacy



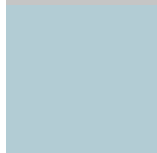
Original Color

197.1650, -49.0570, -8.5210



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

197.1380, -18.0640, -3.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1650, -49.0570, -8.5210 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(145, 216, 237)` looks like.

```
.text, #text, p{  
    color:rgb(145, 216, 237)  
}
```

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(145, 216, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 216, 237) }
```

Border

The CSS property to change the border of an element to YIQ 197.1650, -49.0570, -8.5210 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(145, 216, 237) }
```


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

```
.border{ border-color:rgb(145, 216, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 216, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 216, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 216, 237);  
box-shadow:4px 4px 4px 4px rgb(145, 216,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1650, -49.0570, -8.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 216, 237) }
```

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

```
.background{ background-color: rgb(145,  
216, 237) }
```

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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