

Converting Colors

YIQ(210.7700, -49.7430,
-18.1190)

Have a look what the booklet for
YIQ(210.7700, -49.7430, -18.1190)
contains.

YIQ(210.7700, -49.7430, -18.1190)	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(210.7700, -49.7430,
-18.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	98ECEB
RGB	152, 236, 235
RGB Percent	60%, 93%, 92%
CMY	0.4041, 0.0744, 0.0786
CMYK	0.36, 0.00, 0.00, 0.07
HSL	179°, 69%, 76%
HSV	179°, 36%, 93%
XYZ	57.9331, 72.6770, 89.5339
YIQ	210.7700, -49.7430, -18.1190

Conversions

Conversions Part 2

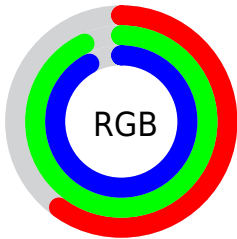
Format	Color
RYB	152, 194, 236
Decimal	10022123
CIELab	88.29, -25.61, -7.56
CIELCh	88, 26.697, 196.442
Yxy	72.6770, 0.2632, 0.3301
Android (android.graphics.Color)	4288212203 (0xFF98ECEB)
YUV	210.7700, 11.9454, -51.5413
Hunter-Lab	85.2508, -27.8873, -2.5933

Details

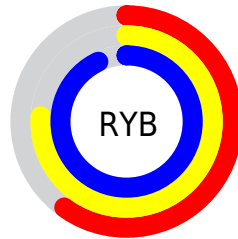
The YIQ color **210.7700, -49.7430, -18.1190** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **177.2300, 49.7430, 18.1190**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **241.2460, -27.4160, -9.7520**, and **154.7700, -49.7430, -18.1190** is the 20% darker color. If you saturate the color by 10%, you get **203.5940, -64.0470, -23.2070**, and if you desaturate by 10%, it is **217.9460, -35.4390, -13.0310**.

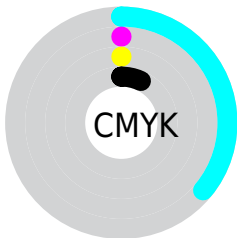
Distribution



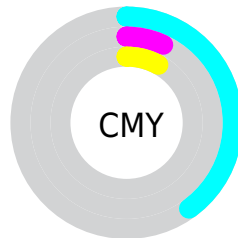
- Red (60%)
- Green (93%)
- Blue (92%)



- Red (60%)
- Yellow (76%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.7700, -49.7430, -18.1190 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 210.7700, -49.7430, -18.1190 by changing the saturation by 10% instead.

210.7700,
-49.7430, -18.1190

210.7700,
-49.7430, -18.1190

255.0000, -0.0000,
-0.0000

182.7700,
-49.7430, -18.1190

241.2460,
-27.4160, -9.7520

154.7700,
-49.7430, -18.1190

250.2160, -9.5360,
-3.3920

127.2860,
-51.2560, -18.2320

99.7910, -54.2360,
-19.2920

70.9150, -60.5170,
-21.1010

54.0910, -46.2130,
-16.0130

37.9680, -32.5050,

-11.1370

■ 23.2470, -19.9890,
-6.6850

■ 1.2540, -3.5310,
3.4210

■ 210.7700,
-49.7430, -18.1190

■ 210.7700,
-49.7430, -18.1190

■ 203.5940,
-64.0470, -23.2070

■ 217.9460,
-35.4390, -13.0310

■ 196.6030,
-77.4340, -28.3940

■ 224.9370,
-22.0520, -7.8440

■ 189.4270,
-91.7380, -33.4820

■ 232.1130, -7.7480,
-2.7560

■ 182.5500,
-105.4460, -38.3580

■ 238.9900, 5.9600,
2.1200

■ 175.2600,
-119.4290, -43.7570

■ 241.6810, 11.3240,
4.0280

■ 168.0840,
-133.7330, -48.8450

■ 241.7950, 11.0030,
4.3390

■ 165.0940,
-139.6930, -50.9650

■ 241.9090, 10.6820,
4.6500

Harmonies

Analogous

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



212.6010, -30.3940, -21.8660



210.7700, -49.7430, -18.1190



211.8870, -54.1460, -9.9060

Triad

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



210.7700, -49.7430, -18.1190



224.9970, 5.2230, 20.9910



221.5630, 34.6630, -5.9530

Complementary

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



210.7700, -49.7430, -18.1190



177.2300, 49.7430, 18.1190

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.



219.5450, 35.0740, 3.1220



210.7700, -49.7430, -18.1190



223.2560, 20.4910, 19.6190

Square

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



210.7700, -49.7430, -18.1190



220.4130, -16.9200, 9.2880



219.7050, 29.1120, 12.0560



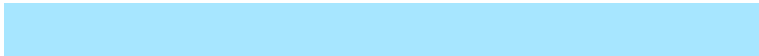
218.7840, 17.5630, -15.4370

Rectangle

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



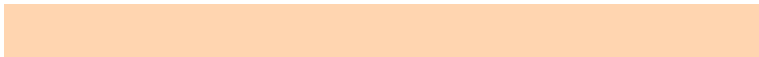
210.7700, -49.7430, -18.1190



214.0130, -45.5730, -5.5810



219.7050, 29.1120, 12.0560



221.3400, 36.9090, -2.6030

Sweetspot

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



210.7700, -49.7430, -18.1190



246.6280, -16.6880, -5.9360



201.6070, -22.5040, -43.7200



122.8030, -9.8110, -3.9150



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.



210.7700, -49.7430, -18.1190



221.9960, -65.2390, -23.6310



186.8170, -38.7890, 3.6350



113.7110, -6.5560, -2.3320



126.6530, -107.2340, -38.9940



37.7400, -31.8630, -11.7590

Inverse Universe

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



177.2300, 49.7430, 18.1190



178.1180, 64.9180, 23.9420



201.1830, 38.7890, -3.6350



109.2890, 6.5560, 2.3320



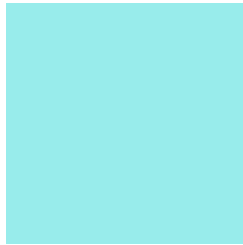
54.3470, 107.2340, 38.9940



16.2600, 31.8630, 11.7590

Previews

White Background



This preview shows how the YIQ color 210.7700, -49.7430, -18.1190 looks on a white background.

Color Contrast Check

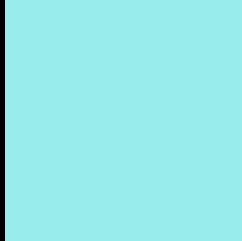
Large Text (above 18pt) WCAG AA × Fail

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 210.7700, -49.7430, -18.1190 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 210.7700, -49.7430, -18.1190 Background



This preview shows how black text looks on a background with the YIQ color 210.7700, -49.7430, -18.1190.



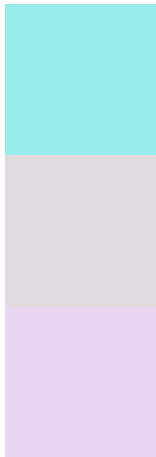
This preview shows how white text looks on a background with the YIQ color 210.7700, -49.7430, -18.1190.

-18.1190.

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



Original Color

210.7700, -49.7430, -18.1190

Protanopia

220.8800, 0.4580, 2.7140

Deuteranopia

222.6450, 2.9780, 12.1140



Tritanopia

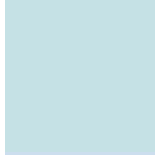
212.1430, -51.9910, -10.4150

Trichromacy



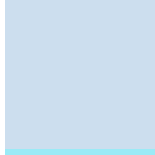
Original Color

210.7700, -49.7430, -18.1190



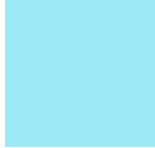
Protanomaly

217.0840, -17.9720, -4.6920



Deuteranomaly

218.4420, -15.8640, 1.1600



Tritanomaly

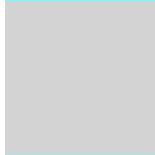
211.7470, -50.9360, -13.0160

Monochromacy



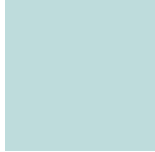
Original Color

210.7700, -49.7430, -18.1190



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

211.0300, -17.8800, -6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.7700, -49.7430, -18.1190 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(152, 236, 235)` looks like.

```
.text, #text, p{  
    color:rgb(152, 236, 235)  
}
```

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(152, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 236, 235) }
```

Border

The CSS property to change the border of an element to YIQ 210.7700, -49.7430, -18.1190 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(152, 236, 235) }
```


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

```
.border{ border-color:rgb(152, 236, 235) }
```

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

Here you see how a box with a 4 pixel rgb(152, 236, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(152, 236,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 210.7700, -49.7430, -18.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 236, 235) }
```

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

```
.background{ background-color: rgb(152,  
236, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor