

Converting Colors

YIQ(197.2370, -49.5600,
-15.9280)

Have a look what the booklet for
YIQ(197.2370, -49.5600, -15.9280)
contains.

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Color

**YIQ(197.2370, -49.5600,
-15.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	8CDDE1
RGB	140, 221, 225
RGB Percent	55%, 87%, 88%
CMY	0.4512, 0.1332, 0.1178
CMYK	0.38, 0.02, 0.00, 0.12
HSL	183°, 59%, 72%
HSV	183°, 38%, 88%
XYZ	50.2561, 62.7356, 80.6581
YIQ	197.2370, -49.5600, -15.9280

Conversions

Conversions Part 2

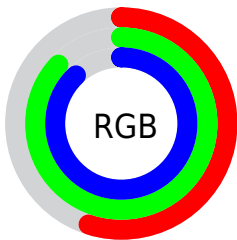
Format	Color
R _{YB}	140, 181, 225
Decimal	9231841
CIE Lab	83.30, -23.72, -9.75
CIE LCh	83, 25.642, 202.353
Yxy	62.7356, 0.2595, 0.3240
Android (android.graphics.Color)	4287421921 (0xFF8CDDE1)
YUV	197.2370, 13.6872, -50.1968
Hunter-Lab	79.2058, -25.3518, -4.9331

Details

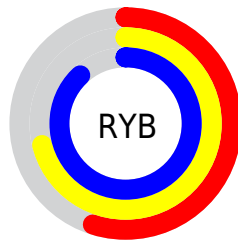
The YIQ color **197.2370, -49.5600, -15.9280** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **167.7630, 49.5600, 15.9280**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.6580, -34.5680, -12.2960**, and **141.9380, -50.1560, -16.1400** is the 20% darker color. If you saturate the color by 10%, you get **189.7730, -62.9930, -20.2810**, and if you desaturate by 10%, it is **204.4020, -36.7230, -11.7870**.

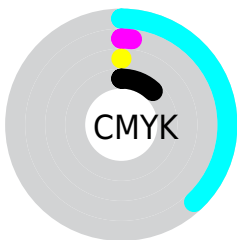
Distribution



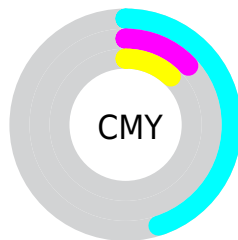
- Red (55%)
- Green (87%)
- Blue (88%)



- Red (55%)
- Yellow (71%)
- Blue (88%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.2370, -49.5600, -15.9280 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 197.2370, -49.5600, -15.9280 by changing the saturation by 10% instead.

■ 197.2370,
-49.5600, -15.9280

■ 197.2370,
-49.5600, -15.9280

■ 255.0000, -0.0000,
-0.0000

■ 169.2370,
-49.5600, -15.9280

■ 237.6580,
-34.5680, -12.2960

■ 141.9380,
-50.1560, -16.1400

■ 246.3290,
-17.2840, -6.1480

■ 114.3400,
-51.3480, -16.5640

■ 85.4640, -57.6290,
-18.3730

■ 62.8450, -54.3280,
-17.6240

■ 46.1350, -40.3450,
-12.2250

■ 30.0120, -26.6370,

-7.3490

■ 15.4050, -14.4420,
-2.5860

■ 0.0000, 0.0000,
0.0000

■ 197.2370,
-49.5600, -15.9280

■ 197.2370,
-49.5600, -15.9280

■ 189.7730,
-62.9930, -20.2810

■ 204.4020,
-36.7230, -11.7870

■ 182.6080,
-75.8300, -24.4220

■ 211.8660,
-23.2900, -7.4340

■ 175.1440,
-89.2630, -28.7750

■ 219.0310,
-10.4530, -3.2930

■ 167.9790,
-102.1000, -32.9160

■ 226.4950, 2.9800,
1.0600

■ 160.5150,
-115.5330, -37.2690

■ 233.6600, 15.8170,
5.2010

■ 153.3500,
-128.3700, -41.4100

■ 235.1440, 17.3300,
5.3140

■ 151.8550,
-131.3500, -42.4700

■ 235.7310, 17.0550,
4.7910

■ 236.3180, 16.7800,
4.2680

■ 236.9050, 16.5050,
3.7450

Harmonies

Analogous

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



198.5730, -33.1910, -20.7350



197.2370, -49.5600, -15.9280



199.5500, -51.5790, -6.8670

Triad

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



197.2370, -49.5600, -15.9280



211.7370, 8.8910, 20.5950



207.3560, 30.8120, -7.7480

Complementary

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



197.2370, -49.5600, -15.9280



167.7630, 49.5600, 15.9280

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.



209.1820, 40.5300, 3.3620



197.2370, -49.5600, -15.9280



211.9750, 28.6520, 20.3960

Square

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



197.2370, -49.5600, -15.9280



208.5860, -15.7290, 15.2390



210.0220, 38.4650, 13.2570



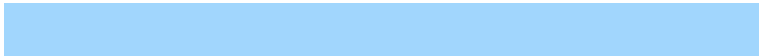
204.9190, 12.7490, -16.2990

Rectangle

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



197.2370, -49.5600, -15.9280



202.5990, -44.1070, 0.8930



210.0220, 38.4650, 13.2570



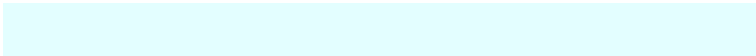
207.9160, 35.1670, -4.0730

Sweetspot

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



197.2370, -49.5600, -15.9280



246.0410, -16.4130, -5.4130



190.2370, -24.3380, -43.5220



122.3300, -9.8570, -3.0810



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.



197.2370, -49.5600, -15.9280



217.6800, -67.1650, -21.7650



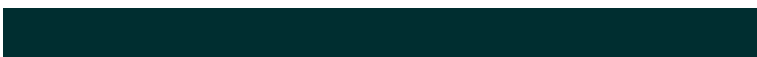
173.1700, -38.2850, 5.5150



108.7110, -6.5560, -2.3320



118.6800, -102.6960, -33.1280



32.4740, -28.0580, -9.1300

Inverse Universe

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



174.6490, 24.6590, 43.2110



186.9250, 33.2300, 58.5900



191.8300, 38.2850, -5.5150



105.5430, 3.0250, 5.7530



71.7760, 50.9680, 89.5600



19.5960, 13.8420, 24.4820

Previews

White Background



This preview shows how the YIQ color 197.2370, -49.5600, -15.9280 looks on a white background.

Color Contrast Check

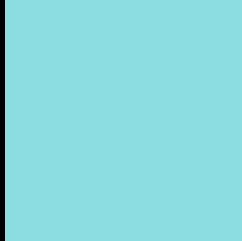
Large Text (above 18pt) WCAG AA × Fail

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 197.2370, -49.5600, -15.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

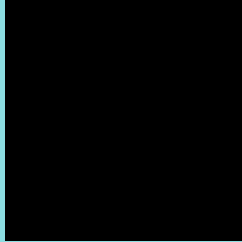
Any Text WCAG AA ✓ Pass

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 197.2370, -49.5600, -15.9280 Background



This preview shows how black text looks on a background with the YIQ color 197.2370, -49.5600, -15.9280.



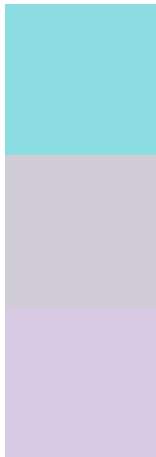
This preview shows how white text looks on a background with the YIQ color 197.2370, -49.5600, -15.9280.

-15.9280.

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

197.2370, -49.5600, -15.9280

Protanopia

207.0370, -1.4220, 3.7460

Deuteranopia

208.6770, -0.0480, 11.8880



Tritanopia

198.3280, -51.0740, -10.5140

Trichromacy



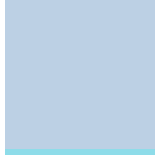
Original Color

197.2370, -49.5600, -15.9280



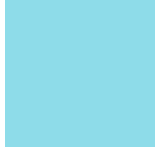
Protanomaly

203.5400, -19.2560, -3.4480



Deuteranomaly

204.3000, -18.3400, 1.9800



Tritanomaly

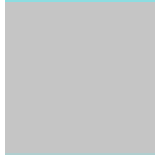
198.1600, -50.6610, -12.4930

Monochromacy



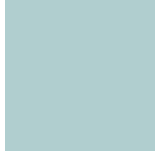
Original Color

197.2370, -49.5600, -15.9280



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

197.1440, -18.2010, -6.0490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.2370, -49.5600, -15.9280 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(140, 221, 225)` looks like.

```
.text, #text, p{  
    color:rgb(140, 221, 225)  
}
```

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(140, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 221, 225) }
```

Border

The CSS property to change the border of an element to YIQ 197.2370, -49.5600, -15.9280 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(140, 221, 225) }
```


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

```
.border{ border-color:rgb(140, 221, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 221, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 221, 225); box-shadow:4px 4px 4px 4px rgb(140, 221, 225) }
```

Background

The CSS property to change the background color of an element to YIQ 197.2370, -49.5600, -15.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 221, 225) }
```

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

```
.background{ background-color: rgb(140,  
221, 225) }
```

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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