

Converting Colors

YIQ(196.4830, -32.2770,
-4.2530)

Have a look what the booklet for
YIQ(196.4830, -32.2770, -4.2530)
contains.

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Color

**YIQ(196.4830, -32.2770,
-4.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D0E1
RGB	163, 208, 225
RGB Percent	64%, 82%, 88%
CMY	0.3609, 0.1842, 0.1178
CMYK	0.28, 0.08, 0.00, 0.12
HSL	196°, 51%, 76%
HSV	196°, 28%, 88%
XYZ	51.2454, 58.3392, 79.7681
YIQ	196.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

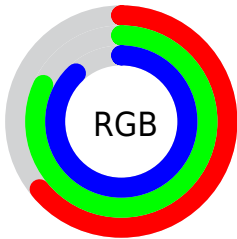
Format	Color
R _Y B	163, 189, 225
Decimal	10735841
CIE Lab	80.93, -10.84, -13.18
CIE LCh	81, 17.064, 230.571
Yxy	58.3392, 0.2706, 0.3081
Android (android.graphics.Color)	4288925921 (0xFFA3D0E1)
YUV	196.4830, 14.0589, -29.3646
Hunter-Lab	76.3801, -13.9049, -8.4538

Details

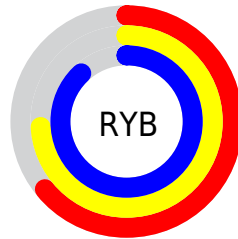
The YIQ color **196.4830, -32.2770, -4.2530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **191.5170, 32.2770, 4.2530**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.2360, -21.4560, -7.6320**, and **142.6680, -31.3600, -4.3520** is the 20% darker color. If you saturate the color by 10%, you get **186.0840, -44.3350, -5.9910**, and if you desaturate by 10%, it is **206.5830, -20.8150, -2.7270**.

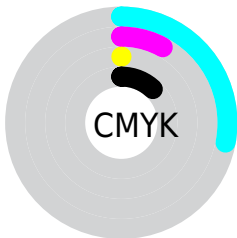
Distribution



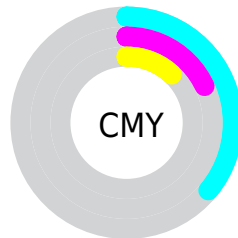
- Red (64%)
- Green (82%)
- Blue (88%)



- Red (64%)
- Yellow (74%)
- Blue (88%)



- Cyan (28%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (36%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.4830, -32.2770, -4.2530 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 196.4830, -32.2770, -4.2530 by changing the saturation by 10% instead.

■ 196.4830,
-32.2770, -4.2530

■ 196.4830,
-32.2770, -4.2530

■ 255.0000, -0.0000,
-0.0000

■ 168.7820,
-31.6810, -4.0410

■ 244.2360,
-21.4560, -7.6320

■ 142.3690,
-31.9560, -4.5640

■ 252.9070, -4.1720,
-1.4840

■ 116.5540,
-31.0390, -4.6630

■ 91.2550, -31.6350,
-4.8750

■ 66.5430, -32.5060,
-5.6100

■ 40.7380, -37.5490,
-7.8290

■ 25.3160, -24.4370,

-3.1650

■ 7.7740, -10.8670,
4.2130

■ 0.0000, 0.0000,
0.0000

■ 196.4830,
-32.2770, -4.2530

■ 196.4830,
-32.2770, -4.2530

■ 186.0840,
-44.3350, -5.9910

■ 206.5830,
-20.8150, -2.7270

■ 175.9840,
-55.7970, -7.5170

■ 216.9820, -8.7570,
-0.9890

■ 165.5850,
-67.8550, -9.2550

■ 227.0820, 2.7050,
0.5370

■ 154.8980,
-79.0420, -10.2580

■ 238.0680, 14.4880,
1.7520

■ 144.4990,
-91.1000, -11.9960

■ 242.1880, 14.0300,
-0.9620

■ 134.3990,
-102.5620, -13.5220

■ 245.7100, 12.3800,
-4.1000

■ 124.2990,
-114.0240, -15.0480

■ 249.2320, 10.7300,
-7.2380

■ 121.3310,
-117.0500, -15.2740

■ 251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



195.1640, -30.1210, -10.2890



196.4830, -32.2770, -4.2530



199.1190, -25.0800, 2.9840

Triad

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



196.4830, -32.2770, -4.2530



203.8980, 18.3830, 13.7670



199.0530, 9.6760, -10.1640

Complementary

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



196.4830, -32.2770, -4.2530



191.5170, 32.2770, 4.2530

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.



201.0870, 21.5040, -4.2560



196.4830, -32.2770, -4.2530



203.4550, 26.8200, 9.5400

Square

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



196.4830, -32.2770, -4.2530



203.9550, 5.0410, 13.2730



202.5380, 27.7840, 3.0800



197.3330, -5.9120, -14.0080

Rectangle

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



196.4830, -32.2770, -4.2530



200.9570, -15.6360, 8.0440



202.5380, 27.7840, 3.0800



200.1460, 13.8480, -8.6800

Sweetspot

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



196.4830, -32.2770, -4.2530



245.4980, -10.2700, -1.1020



201.3320, -22.5070, -27.1390



121.7650, -6.6480, -0.6640



0.0000, 0.0000, 0.0000



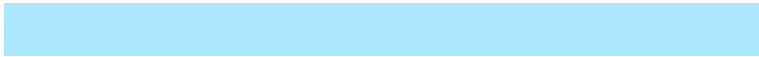
128.0000, -0.0000, -0.0000

Same Dimension

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



196.4830, -32.2770, -4.2530



216.3830, -43.7390, -5.7790



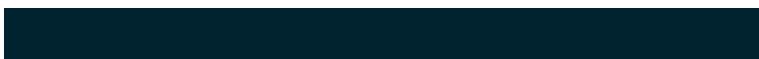
178.2860, -23.7520, 11.9600



106.9500, -5.7310, -0.7630



95.2000, -91.6960, -12.2080



26.0170, -25.0330, -3.3770

Inverse Universe

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



186.6680, 22.5070, 27.1390



203.0700, 30.4830, 36.7790



209.7140, 23.7520, -11.9600



105.2010, 3.9880, 4.8200



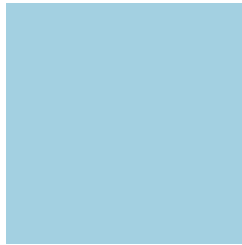
67.2160, 63.8080, 77.1200



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 196.4830, -32.2770, -4.2530 looks on a white background.

Color Contrast Check

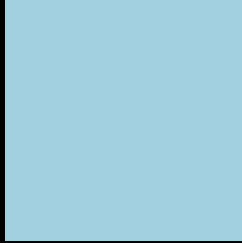
Large Text (above 18pt) WCAG AA × Fail

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 196.4830, -32.2770, -4.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

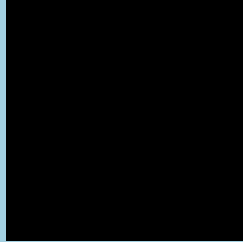
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.4830, -32.2770, -4.2530

Background



This preview shows how black text looks on a background with the YIQ color 196.4830, -32.2770, -4.2530.



This preview shows how white text looks on a background with the YIQ color 196.4830, -32.2770, -4.2530.

-4.2530.

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

196.4830, -32.2770, -4.2530

Protanopia

200.9810, -7.0160, 6.0080

Deuteranopia

202.3500, -3.4410, 12.8070



Tritanopia

196.4830, -32.2770, -4.2530

Trichromacy



Original Color

196.4830, -32.2770, -4.2530

Protanomaly

199.0830, -16.2310, 2.3050

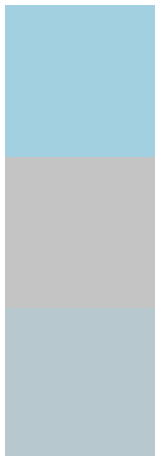
Deuteranomaly

200.3870, -14.0310, 6.4890

Tritanomaly

196.4830, -32.2770, -4.2530

Monochromacy



Original Color

196.4830, -32.2770, -4.2530

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.0140, -11.7830, -1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4830, -32.2770, -4.2530 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(163, 208, 225)` looks like.

```
.text, #text, p{  
    color:rgb(163, 208, 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(163, 208, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 208, 225) }
```

Border

The CSS property to change the border of an element to YIQ 196.4830, -32.2770, -4.2530 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(163, 208, 225) }
```


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

```
.border{ border-color:rgb(163, 208, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 208, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 208, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 208, 225); box-shadow:4px 4px 4px 4px rgb(163, 208, 225) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4830, -32.2770, -4.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 208, 225) }
```

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

```
.background{ background-color: rgb(163,  
208, 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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