

Converting Colors

YIQ(165.2530, -29.2940,
-19.7740)

Have a look what the booklet for
YIQ(165.2530, -29.2940, -19.7740)
contains.

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Color

**YIQ(165.2530, -29.2940,
-19.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBAA4
RGB	125, 186, 164
RGB Percent	49%, 73%, 64%
CMY	0.5100, 0.2705, 0.3570
CMYK	0.33, 0.00, 0.12, 0.27
HSL	158°, 31%, 61%
HSV	158°, 33%, 73%
XYZ	32.7144, 42.1649, 41.5244
YIQ	165.2530, -29.2940, -19.7740

Conversions

Conversions Part 2

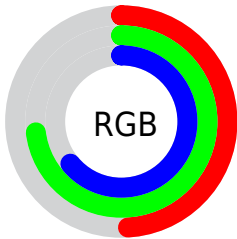
Format	Color
RYB	125, 162, 186
Decimal	8239780
CIELab	70.98, -24.53, 4.94
CIELCh	71, 25.020, 168.621
Yxy	42.1649, 0.2810, 0.3622
Android (android.graphics.Color)	4286429860 (0xFF7DBAA4)
YUV	165.2530, -0.6177, -35.3019
Hunter-Lab	64.9345, -23.7061, 7.5394

Details

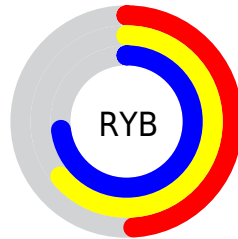
The YIQ color **165.2530, -29.2940, -19.7740** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **145.7470, 29.2940, 19.7740**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.5410, -30.1650, -20.5090**, and **112.6660, -29.0190, -19.2510** is the 20% darker color. If you saturate the color by 10%, you get **158.7740, -38.3710, -25.9790**, and if you desaturate by 10%, it is **171.7320, -20.2170, -13.5690**.

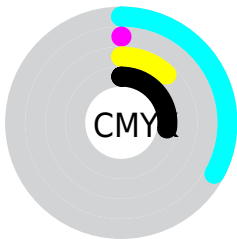
Distribution



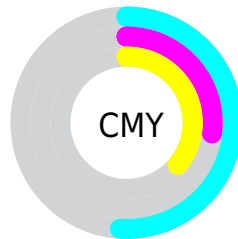
- Red (49%)
- Green (73%)
- Blue (64%)



- Red (49%)
- Yellow (64%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.2530, -29.2940, -19.7740 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 165.2530, -29.2940, -19.7740 by changing the saturation by 10% instead.

■ 165.2530,
-29.2940, -19.7740

■ 165.2530,
-29.2940, -19.7740

■ 255.0000, -0.0000,
-0.0000

■ 138.6660,
-29.0190, -19.2510

■ 220.5410,
-30.1650, -20.5090

■ 112.6660,
-29.0190, -19.2510

■ 239.7360,
-26.0400, -12.6640

■ 86.8940, -29.6610,
-18.6290

■ 249.3190,
-11.3240, -4.0280

■ 62.1110, -31.7700,
-18.9540

■ 39.5350, -30.0280,
-17.4840

■ 24.2270, -17.2370,
-12.5090

■ 4.1090, -1.9250,

-3.6610

■ 0.0000, 0.0000,
0.0000

■ 165.2530,
-29.2940, -19.7740

■ 165.2530,
-29.2940, -19.7740

■ 158.7740,
-38.3710, -25.9790

■ 171.7320,
-20.2170, -13.5690

■ 152.7080,
-47.1730, -31.6610

■ 177.7980,
-11.4150, -7.8870

■ 146.2290,
-56.2500, -37.8660

■ 184.2770, -2.3380,
-1.6820

■ 140.0490,
-64.7310, -43.8590

■ 190.4570, 6.1430,
4.3110

■ 133.5700,
-73.8080, -50.0640

■ 196.9360, 15.2200,
10.5160

■ 127.2050,
-83.2060, -55.9580

■ 203.3010, 24.6180,
16.4100

■ 122.7480,
-89.3490, -60.2690

■ 209.4810, 33.0990,
22.4030

■ 210.2790, 30.8520,
24.5800

■ 210.9630, 28.9260,
26.4460

Harmonies

Analogous

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



168.5730, -6.8280, -19.4360



165.2530, -29.2940, -19.7740



163.6780, -46.4880, -16.5360

Triad

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



165.2530, -29.2940, -19.7740



174.7490, -17.7460, 13.2460



175.3390, 38.6500, 4.3940

Complementary

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



165.2530, -29.2940, -19.7740



145.7470, 29.2940, 19.7740

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.



176.7660, 36.3100, 13.7660



165.2530, -29.2940, -19.7740



176.9430, 5.3150, 19.3230

Square

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



165.2530, -29.2940, -19.7740



169.4040, -39.0640, 3.1120



177.5940, 25.3510, 19.6470



173.4100, 30.7200, -6.0800

Rectangle

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



165.2530, -29.2940, -19.7740



163.8010, -51.0280, -11.3480



177.5940, 25.3510, 19.6470



175.7460, 39.0620, 7.9420

Sweetspot

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



165.2530, -29.2940, -19.7740



233.9120, -11.7360, -7.5760



167.3850, -3.6630, -27.2390



117.2440, -6.7390, -4.5230



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



165.2530, -29.2940, -19.7740



210.0180, -45.1100, -30.5020



163.0650, -34.1560, -8.7480



88.8530, -4.0800, -3.1520



102.8580, -74.6790, -50.7990



18.4880, -13.4780, -9.0460

Inverse Universe

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



145.7470, 29.2940, 19.7740



179.9820, 45.1100, 30.5020



147.9350, 34.1560, 8.7480



86.0330, 4.4010, 2.8410



53.0280, 75.0000, 50.4880



9.5120, 13.4780, 9.0460

Previews

White Background



This preview shows how the YIQ color 165.2530, -29.2940, -19.7740 looks on a white background.

Color Contrast Check

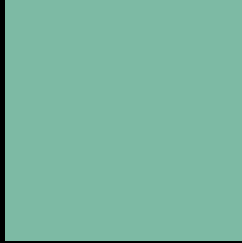
Large Text (above 18pt) WCAG AA × Fail

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 165.2530, -29.2940, -19.7740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

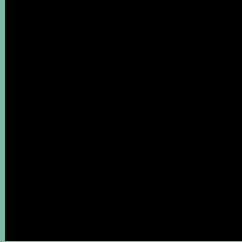
Any Text WCAG AA ✓ Pass

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 165.2530, -29.2940, -19.7740 Background



This preview shows how black text looks on a background with the YIQ color 165.2530, -29.2940, -19.7740.



This preview shows how white text looks on a background with the YIQ color 165.2530, -29.2940, -19.7740.

-19.7740.

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

165.2530, -29.2940, -19.7740

Protanopia

172.6820, 9.5830, -2.9690

Deuteranopia

174.5890, 14.5790, 5.6110



Tritanopia

168.0590, -34.0190, -5.7230

Trichromacy



Original Color

165.2530, -29.2940, -19.7740

Protanomaly

169.9790, -4.6750, -8.8910

Deuteranomaly

171.4080, -1.3290, -3.4490

Tritanomaly

166.9680, -32.5050, -11.1370

Monochromacy



Original Color

165.2530, -29.2940, -19.7740

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2110, -11.1400, -7.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.2530, -29.2940, -19.7740 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(125, 186, 164)` looks like.

```
.text, #text, p{  
    color:rgb(125, 186, 164)  
}
```

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(125, 186, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 186, 164) }
```

Border

The CSS property to change the border of an element to YIQ 165.2530, -29.2940, -19.7740 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(125, 186, 164) }
```


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

```
.border{ border-color:rgb(125, 186, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 186, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 186, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 186, 164);  
box-shadow:4px 4px 4px 4px rgb(125, 186,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 165.2530, -29.2940, -19.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 186, 164) }
```

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

```
.background{ background-color: rgb(125,  
186, 164) }
```

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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