

Converting Colors

YIQ(149.5530, -29.2980, 2.3340)

Have a look what the booklet for
YIQ(149.5530, -29.2980, 2.3340)
contains.

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Color

**YIQ(149.5530, -29.2980,
2.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9CBA
RGB	123, 156, 186
RGB Percent	48%, 61%, 73%
CMY	0.5177, 0.3882, 0.2707
CMYK	0.34, 0.16, 0.00, 0.27
HSL	209°, 31%, 61%
HSV	209°, 34%, 73%
XYZ	28.9161, 31.5351, 50.9974
YIQ	149.5530, -29.2980, 2.3340

Conversions

Conversions Part 2

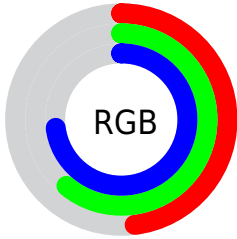
Format	Color
RYB	123, 145, 186
Decimal	8101050
CIELab	62.96, -4.05, -19.19
CIELCh	63, 19.610, 258.085
Yxy	31.5351, 0.2595, 0.2830
Android (android.graphics.Color)	4286291130 (0xFF7B9CBA)
YUV	149.5530, 17.9684, -23.2870
Hunter-Lab	56.1561, -6.3592, -14.5341

Details

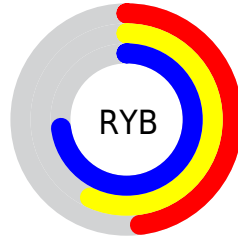
The YIQ color **149.5530, -29.2980, 2.3340** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **159.4470, 29.2980, -2.3340**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.7810, -29.9400, 2.9560**, and **98.0260, -29.2520, 1.5000** is the 20% darker color. If you saturate the color by 10%, you get **138.5890, -38.1470, 3.0130**, and if you desaturate by 10%, it is **160.5170, -20.4490, 1.6550**.

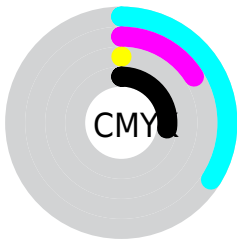
Distribution



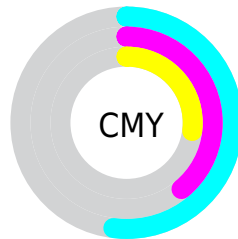
- Red (48%)
- Green (61%)
- Blue (73%)



- Red (48%)
- Yellow (57%)
- Blue (73%)



- Cyan (34%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (52%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5530, -29.2980, 2.3340 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 149.5530, -29.2980, 2.3340 by changing the saturation by 10% instead.

■ 149.5530,
-29.2980, 2.3340

■ 149.5530,
-29.2980, 2.3340

■ 255.0000, -0.0000,
-0.0000

■ 123.4390,
-28.9770, 2.0230

■ 203.7810,
-29.9400, 2.9560

■ 98.0260, -29.2520,
1.5000

■ 230.6580,
-25.4000, -2.2320

■ 73.4990, -29.2060,
0.6660

■ 248.7210,
-12.5160, -4.4520

■ 49.1890, -31.2690,
-0.4930

■ 27.9720, -29.1600,
-0.1680

■ 13.1370, -16.3230,
3.9730

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 149.5530,
-29.2980, 2.3340

■ 149.5530,
-29.2980, 2.3340

■ 138.5890,
-38.1470, 3.0130

■ 160.5170,
-20.4490, 1.6550

■ 127.9240,
-46.4000, 3.9040

■ 171.1820,
-12.1960, 0.7640

■ 116.9600,
-55.2490, 4.5830

■ 182.1460, -3.3470,
0.0850

■ 106.8820,
-63.7770, 4.9510

■ 192.2240, 5.1810,
-0.2830

■ 95.9180, -72.6260,
5.6300

■ 203.1880, 14.0300,
-0.9620

■ 84.9540, -81.4750,
6.3090

■ 214.1520, 22.8790,
-1.6410

■ 78.7300, -86.6560,
6.5920

■ 224.8170, 31.1320,
-2.5320

■ 230.6980, 29.8490,
-6.8150

■ 235.9810, 27.3740,
-11.5220

Harmonies

Analogous

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



146.2050, -37.3660, -5.6380



149.5530, -29.2980, 2.3340



152.7940, -13.6190, 10.0370

Triad

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



149.5530, -29.2980, 2.3340



154.5800, 27.9660, 10.7980



148.4040, -4.6740, -14.4180

Complementary

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



149.5530, -29.2980, 2.3340



159.4470, 29.2980, -2.3340

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.



150.5970, 10.9600, -11.4080



149.5530, -29.2980, 2.3340



153.4350, 29.5720, 3.7160

Square

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



149.5530, -29.2980, 2.3340



155.7240, 18.9330, 14.8130



152.4570, 23.3380, -4.4540



146.3080, -21.9590, -15.0390

Rectangle

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



149.5530, -29.2980, 2.3340



154.3610, -1.9740, 13.7540



152.4570, 23.3380, -4.4540



149.1550, 0.4610, -13.8670

Sweetspot

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



149.5530, -29.2980, 2.3340



228.3670, -11.2790, 0.6650



163.2870, -26.6340, -23.9300



113.7050, -6.4190, 0.6930



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.



149.5530, -29.2980, 2.3340



184.8100, -46.0790, 3.5930



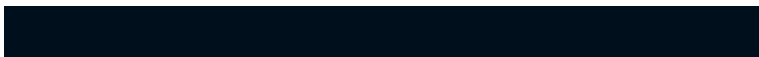
131.3560, -20.7730, 18.5470



86.3740, -3.9890, 0.7070



65.9180, -72.6260, 5.6300



11.9970, -13.1130, 0.8630

Inverse Universe

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



145.5990, 26.9550, 23.6190



178.5290, 42.3120, 37.1600



177.6440, 20.7730, -18.5470



86.1470, 4.0800, 3.1520



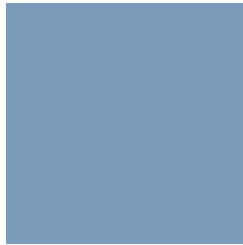
55.9920, 66.6540, 58.5740



10.0820, 11.8730, 10.6010

Previews

White Background



This preview shows how the YIQ color 149.5530, -29.2980, 2.3340 looks on a white background.

Color Contrast Check

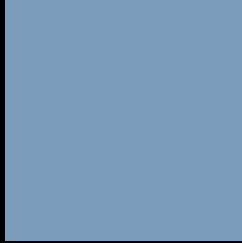
Large Text (above 18pt) WCAG AA × Fail

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 149.5530, -29.2980, 2.3340 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

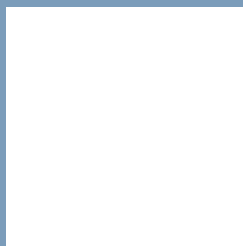
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 149.5530, -29.2980, 2.3340

Background



This preview shows how black text looks on a background with the YIQ color 149.5530, -29.2980, 2.3340.



This preview shows how white text looks on a background with the YIQ color 149.5530, -29.2980,

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

149.5530, -29.2980, 2.3340

Protanopia

152.7400, -13.5270, 8.3690

Deuteranopia

153.3320, -12.1980, 11.8180



Tritanopia

148.7070, -27.0960, -4.5360

Trichromacy



Original Color

149.5530, -29.2980, 2.3340

Protanomaly

151.6360, -19.1660, 5.9380

Deuteranomaly

152.4020, -18.3870, 8.3410

Tritanomaly

148.9890, -27.8300, -2.2460

Monochromacy



Original Color

149.5530, -29.2980, 2.3340

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.6660, -10.6830, 0.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5530, -29.2980, 2.3340 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(123, 156, 186)` looks like.

```
.text, #text, p{  
    color:rgb(123, 156, 186)  
}
```

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(123, 156, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 156, 186) }
```

Border

The CSS property to change the border of an element to YIQ 149.5530, -29.2980, 2.3340 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(123, 156, 186) }
```


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

```
.border{ border-color:rgb(123, 156, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 156, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 156, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 156, 186);  
box-shadow:4px 4px 4px 4px rgb(123, 156,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5530, -29.2980, 2.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 156, 186) }
```

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

```
.background{ background-color: rgb(123,  
156, 186) }
```

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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