

Converting Colors

YIQ(129.2740, -50.9820,
-12.1820)

Have a look what the booklet for
YIQ(129.2740, -50.9820, -12.1820)
contains.

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Color

**YIQ(129.2740, -50.9820,
-12.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	4997A5
RGB	73, 151, 165
RGB Percent	29%, 59%, 65%
CMY	0.7139, 0.4077, 0.3532
CMYK	0.56, 0.08, 0.00, 0.35
HSL	189°, 39%, 47%
HSV	189°, 56%, 65%
XYZ	20.6027, 26.2731, 39.5567
YIQ	129.2740, -50.9820, -12.1820

Conversions

Conversions Part 2

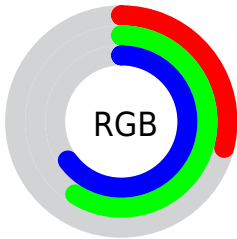
Format	Color
R_{YB}	73, 115, 165
Decimal	4822949
CIE _{Lab}	58.30, -19.89, -14.61
CIE _{LCh}	58, 24.678, 216.310
Yxy	26.2731, 0.2384, 0.3040
Android (android.graphics.Color)	4283013029 (0xFF4997A5)
YUV	129.2740, 17.6129, -49.3523
Hunter-Lab	51.2573, -17.9528, -9.8756

Details

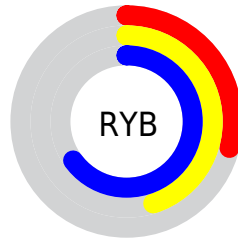
The YIQ color **129.2740, -50.9820, -12.1820** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.7260, 50.9820, 12.1820**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9860, -50.1110, -11.4470**, and **71.5820, -63.7730, -17.1570** is the 20% darker color. If you saturate the color by 10%, you get **123.0170, -60.5640, -14.7400**, and if you desaturate by 10%, it is **135.8190, -42.2710, -10.3590**.

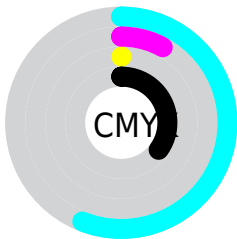
Distribution



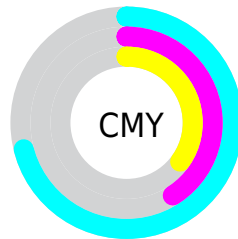
- Red (29%)
- Green (59%)
- Blue (65%)



- Red (29%)
- Yellow (45%)
- Blue (65%)



- Cyan (56%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2740, -50.9820, -12.1820 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 129.2740, -50.9820, -12.1820 by changing the saturation by 10% instead.

■ 129.2740,
-50.9820, -12.1820

■ 129.2740,
-50.9820, -12.1820

■ 255.0000, -0.0000,
-0.0000

■ 102.0780,
-53.3660, -13.0300

■ 183.9860,
-50.1110, -11.4470

■ 71.5820, -63.7730,
-17.1570

■ 212.5730,
-50.3860, -11.9700

■ 54.7580, -49.4690,
-12.0690

■ 234.3690,
-41.1240, -14.6280

■ 38.5210, -35.4400,
-7.5040

■ 243.0400,
-23.8400, -8.4800

■ 23.6860, -22.6030,
-3.3630

■ 251.7110, -6.5560,
-2.3320

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 129.2740,
-50.9820, -12.1820

■ 129.2740,
-50.9820, -12.1820

■ 123.0170,
-60.5640, -14.7400

■ 135.8190,
-42.2710, -10.3590

■ 116.4720,
-69.2750, -16.5630

■ 142.0760,
-32.6890, -7.8010

■ 110.2150,
-78.8570, -19.1210

■ 148.6210,
-23.9780, -5.9780

■ 103.6700,
-87.5680, -20.9440

■ 154.8780,
-14.3960, -3.4200

■ 100.9900,
-91.4650, -21.9050

■ 161.4230, -5.6850,
-1.5970

■ 167.6800, 3.8970,
0.9610

■ 173.6380, 12.8830,
3.3070

■ 180.4820, 22.1900,
5.3420

■ 186.4400, 31.1760,
7.6880

Harmonies

Analogous

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



129.8590, -39.7480, -17.5400



129.2740, -50.9820, -12.1820



133.3060, -44.8400, -2.3440

Triad

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



129.2740, -50.9820, -12.1820



143.9890, 16.8690, 19.1810



138.3870, 20.3590, -11.0410

Complementary

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



129.2740, -50.9820, -12.1820



108.7260, 50.9820, 12.1820

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.



140.4150, 32.3240, -2.1080



129.2740, -50.9820, -12.1820



143.0090, 31.3120, 16.2400

Square

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



129.2740, -50.9820, -12.1820



142.5720, -3.9460, 16.4540



142.1910, 36.3110, 8.2390



136.2320, 1.5620, -17.3020

Rectangle

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



129.2740, -50.9820, -12.1820



137.3940, -33.1040, 5.2320



142.1910, 36.3110, 8.2390



139.3060, 25.0810, -8.5110

Sweetspot

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



129.2740, -50.9820, -12.1820



200.3010, -20.0810, -5.0170



128.6000, -29.7940, -43.7620



98.9600, -11.6910, -2.8830



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



129.2740, -50.9820, -12.1820



158.3290, -79.1780, -18.8100



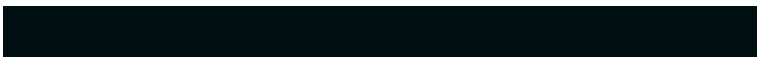
102.2720, -38.3320, 11.8760



78.1350, -4.8140, -0.8620



88.7310, -80.3700, -19.2340



10.8570, -9.9030, -2.2470

Inverse Universe

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



109.4000, 29.7940, 43.7620



127.5510, 46.3870, 67.9470



135.7280, 38.3320, -11.8760



76.4890, 3.1170, 4.0850



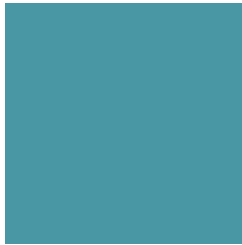
57.3770, 46.9370, 68.9930



7.0920, 5.9130, 8.4810

Previews

White Background



This preview shows how the YIQ color 129.2740, -50.9820, -12.1820 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2740, -50.9820, -12.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

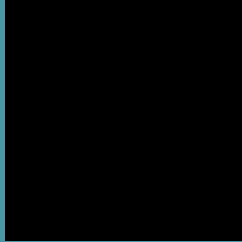
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.2740, -50.9820, -12.1820 Background



This preview shows how black text looks on a background with the YIQ color 129.2740, -50.9820, -12.1820.



This preview shows how white text looks on a background with the YIQ color 129.2740, -50.9820, -12.1820.

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

129.2740, -50.9820, -12.1820

Protanopia

139.8670, -6.6950, 5.6970

Deuteranopia

140.5450, -8.4840, 10.5880



Tritanopia

128.8610, -51.2570, -12.7050

Trichromacy



Original Color

129.2740, -50.9820, -12.1820

Protanomaly

136.2670, -22.7410, -0.8610

Deuteranomaly

136.1900, -23.8420, 2.5740

Tritanomaly

128.8610, -51.2570, -12.7050

Monochromacy



Original Color

129.2740, -50.9820, -12.1820

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1980, -18.2930, -4.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2740, -50.9820, -12.1820 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(73, 151, 165)` looks like.

```
.text, #text, p{  
    color:rgb(73, 151, 165)  
}
```

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(73, 151, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 151, 165) }
```

Border

The CSS property to change the border of an element to YIQ 129.2740, -50.9820, -12.1820 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(73, 151, 165) }
```


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

```
.border{ border-color:rgb(73, 151, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 151, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 151, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 151, 165);  
box-shadow:4px 4px 4px 4px rgb(73, 151,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2740, -50.9820, -12.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 151, 165) }
```

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

```
.background{ background-color: rgb(73, 151,  
165) }
```

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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