

Converting Colors

YIQ(129.5270, -44.7450,
-20.5930)

Have a look what the booklet for
YIQ(129.5270, -44.7450, -20.5930)
contains.

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Color

**YIQ(129.5270, -44.7450,
-20.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	4A9B90
RGB	74, 155, 144
RGB Percent	29%, 61%, 56%
CMY	0.7100, 0.3920, 0.4355
CMYK	0.52, 0.00, 0.07, 0.39
HSL	172°, 35%, 45%
HSV	172°, 52%, 61%
XYZ	19.5779, 26.9201, 30.5325
YIQ	129.5270, -44.7450, -20.5930

Conversions

Conversions Part 2

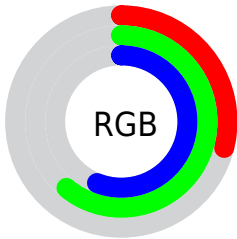
Format	Color
RYB	74, 117, 155
Decimal	4889488
CIELab	58.90, -27.56, -1.77
CIELCh	59, 27.615, 183.673
Yxy	26.9201, 0.2542, 0.3495
Android (android.graphics.Color)	4283079568 (0xFF4A9B90)
YUV	129.5270, 7.1352, -48.6972
Hunter-Lab	51.8846, -23.4438, 1.4289

Details

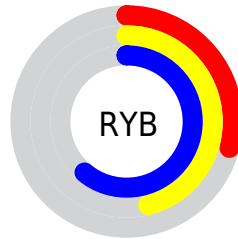
The YIQ color **129.5270, -44.7450, -20.5930** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99.4730, 44.7450, 20.5930**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4130, -44.4240, -20.9040**, and **72.6720, -55.5190, -23.5750** is the 20% darker color. If you saturate the color by 10%, you get **124.5150, -53.6390, -24.6070**, and if you desaturate by 10%, it is **134.2400, -36.4470, -16.7910**.

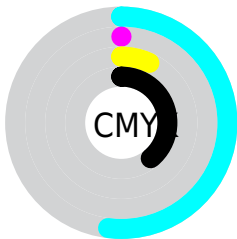
Distribution



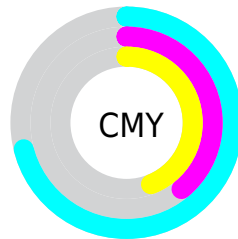
- Red (29%)
- Green (61%)
- Blue (56%)



- Red (29%)
- Yellow (46%)
- Blue (61%)



- Cyan (52%)
- Magenta (0%)
- Yellow (7%)
- Black (39%)



- Cyan (71%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.5270, -44.7450, -20.5930 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 129.5270, -44.7450, -20.5930 by changing the saturation by 10% instead.

■ 129.5270,
-44.7450, -20.5930

■ 129.5270,
-44.7450, -20.5930

■ 255.0000, -0.0000,
-0.0000

■ 102.6300,
-46.5330, -21.2290

■ 184.4130,
-44.4240, -20.9040

■ 72.6720, -55.5190,
-23.5750

■ 212.4130,
-44.4240, -20.9040

■ 54.3530, -44.1950,
-19.5470

■ 233.9560,
-41.3990, -15.1510

■ 37.7570, -30.5330,
-13.8370

■ 242.7410,
-24.4360, -8.6920

■ 23.6230, -18.2920,
-9.9080

■ 251.4120, -7.1520,
-2.5440

■ 0.0000, 0.0000,
0.0000

■ 129.5270,
-44.7450, -20.5930

■ 129.5270,
-44.7450, -20.5930

■ 124.5150,
-53.6390, -24.6070

■ 134.2400,
-36.4470, -16.7910

■ 119.8020,
-61.9370, -28.4090

■ 139.2520,
-27.5530, -12.7770

■ 114.7900,
-70.8310, -32.4230

■ 143.9650,
-19.2550, -8.9750

■ 109.9630,
-78.8080, -36.5360

■ 148.9770,
-10.3610, -4.9610

■ 106.2610,
-85.6390, -39.3910

■ 153.8040, -2.3840,
-0.8480

■ 158.8160, 6.5100,
3.1660

■ 163.5290, 14.8080,
6.9680

■ 168.5410, 23.7020,

10.9820

■ 173.2540, 32.0000,
14.7840

Harmonies

Analogous

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



133.5760, -20.0780, -21.5980



129.5270, -44.7450, -20.5930



127.7890, -59.9220, -15.3620

Triad

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



129.5270, -44.7450, -20.5930



143.9570, -6.4680, 18.1080



141.9810, 36.5420, -1.4580

Complementary

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



129.5270, -44.7450, -20.5930



99.4730, 44.7450, 20.5930

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.



143.3980, 40.1620, 10.0340



129.5270, -44.7450, -20.5930



145.5700, 16.7310, 21.6830

Square

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



129.5270, -44.7450, -20.5930



139.6870, -32.3710, 8.4690



144.6720, 33.8790, 19.2790



140.0130, 24.3480, -11.7480

Rectangle

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



129.5270, -44.7450, -20.5930



130.3750, -58.4560, -8.8880



144.6720, 33.8790, 19.2790



142.5840, 39.3380, 2.9380

Sweetspot

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



129.5270, -44.7450, -20.5930



190.9760, -17.7880, -8.0280



125.1350, -15.1230, -39.8190



95.9770, -10.3610, -4.9610



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



129.5270, -44.7450, -20.5930



161.3880, -69.6390, -31.9990



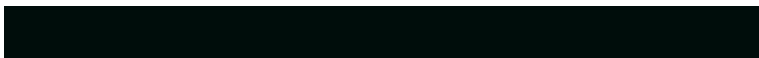
114.3450, -40.5760, -2.5280



74.3800, -4.1260, -2.3180



95.9740, -77.3410, -35.5890



8.8850, -7.1060, -3.3780

Inverse Universe

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



99.4730, 44.7450, 20.5930



114.6120, 69.6390, 31.9990



114.6550, 40.5760, 2.5280



71.5060, 4.4470, 2.0070



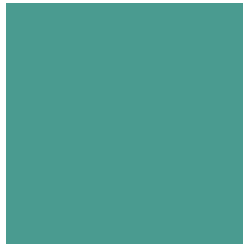
44.0260, 77.3410, 35.5890



4.1150, 7.1060, 3.3780

Previews

White Background



This preview shows how the YIQ color 129.5270, -44.7450, -20.5930 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 129.5270, -44.7450, -20.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

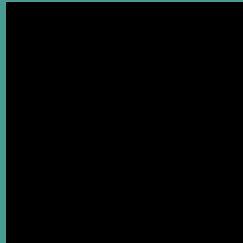
Any Text WCAG AA ✓ Pass

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 129.5270, -44.7450, -20.5930 Background



This preview shows how black text looks on a background with the YIQ color 129.5270, -44.7450, -20.5930.

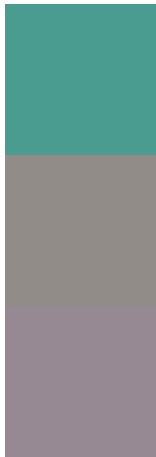


This preview shows how white text looks on a background with the YIQ color 129.5270, -44.7450, -20.5930.

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

129.5270, -44.7450, -20.5930

Protanopia

141.0390, 4.2640, -0.1840

Deuteranopia

142.4400, 4.8130, 6.3890



Tritanopia

132.1390, -46.1680, -11.3200

Trichromacy



Original Color

129.5270, -44.7450, -20.5930

Protanomaly

136.5420, -13.5700, -7.3780

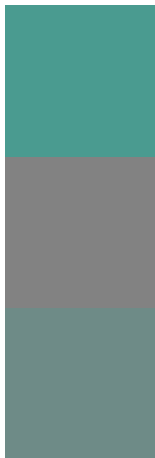
Deuteranomaly

138.0630, -13.4790, -3.5190

Tritanomaly

131.0310, -45.9840, -14.6560

Monochromacy



Original Color

129.5270, -44.7450, -20.5930

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8730, -16.0000, -7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5270, -44.7450, -20.5930 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(74, 155, 144)` looks like.

```
.text, #text, p{  
    color:rgb(74, 155, 144)  
}
```

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(74, 155, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 155, 144) }
```

Border

The CSS property to change the border of an element to YIQ 129.5270, -44.7450, -20.5930 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(74, 155, 144) }
```


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

```
.border{ border-color:rgb(74, 155, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 155, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 155, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 155, 144);  
box-shadow:4px 4px 4px 4px rgb(74, 155,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5270, -44.7450, -20.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 155, 144) }
```

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

```
.background{ background-color: rgb(74, 155,  
144) }
```

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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