

Converting Colors

YIQ(119.3430, -29.0670,
-7.3630)

Have a look what the booklet for
YIQ(119.3430, -29.0670, -7.3630)
contains.

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Color

**YIQ(119.3430, -29.0670,
-7.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	57848B
RGB	87, 132, 139
RGB Percent	34%, 52%, 55%
CMY	0.6589, 0.4823, 0.4550
CMYK	0.37, 0.05, 0.00, 0.46
HSL	188°, 23%, 44%
HSV	188°, 37%, 54%
XYZ	16.8398, 20.3958, 27.4635
YIQ	119.3430, -29.0670, -7.3630

Conversions

Conversions Part 2

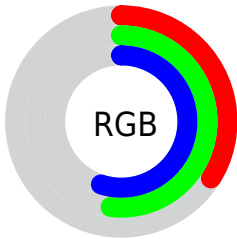
Format	Color
R_{YB}	87, 111, 139
Decimal	5735563
CIE _{Lab}	52.28, -13.49, -8.64
CIE _{LCh}	52, 16.021, 212.628
Yxy	20.3958, 0.2603, 0.3152
Android (android.graphics.Color)	4283925643 (0xFF57848B)
YUV	119.3430, 9.6909, -28.3648
Hunter-Lab	45.1617, -12.4743, -4.4419

Details

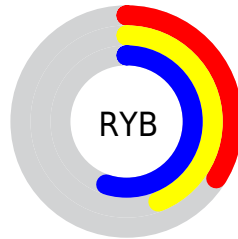
The YIQ color $119.3430, -29.0670, -7.3630$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $106.6570, 29.0670, 7.3630$, and the grayscale version is $119.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $172.0440, -29.6630, -7.5750$, and $69.3430, -29.0670, -7.3630$ is the 20% darker color. If you saturate the color by 10%, you get $113.9830, -36.8610, -9.2850$, and if you desaturate by 10%, it is $124.7030, -21.2730, -5.4410$.

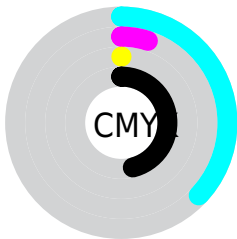
Distribution



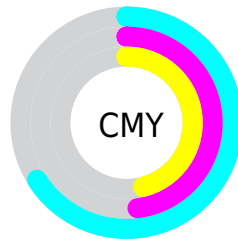
- Red (34%)
- Green (52%)
- Blue (55%)



- Red (34%)
- Yellow (44%)
- Blue (55%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (66%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3430, -29.0670, -7.3630 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 119.3430, -29.0670, -7.3630 by changing the saturation by 10% instead.

■ 119.3430,
-29.0670, -7.3630

■ 119.3430,
-29.0670, -7.3630

■ 255.0000, -0.0000,
-0.0000

■ 94.3430, -29.0670,
-7.3630

■ 172.0440,
-29.6630, -7.5750

■ 69.3430, -29.0670,
-7.3630

■ 199.7450,
-30.2590, -7.7870

■ 44.2500, -33.2390,
-8.8470

■ 227.8590,
-30.5800, -7.4760

■ 26.7350, -24.2990,
-5.6670

■ 245.1330,
-19.6680, -6.9960

■ 12.0140, -11.7830,
-1.2150

■ 253.8040, -2.3840,
-0.8480

■ 0.0000, 0.0000,
0.0000

■ 119.3430,
-29.0670, -7.3630

■ 119.3430,
-29.0670, -7.3630

■ 113.9830,
-36.8610, -9.2850

■ 124.7030,
-21.2730, -5.4410

■ 108.6230,
-44.6550, -11.2070

■ 130.0630,
-13.4790, -3.5190

■ 103.2630,
-52.4490, -13.1290

■ 135.4230, -5.6850,
-1.5970

■ 98.4900, -60.5180,
-15.5740

■ 140.1960, 2.3840,
0.8480

■ 93.1300, -68.3120,
-17.4960

■ 145.2570, 9.5820,
2.5580

■ 88.0690, -75.5100,
-19.2060


■ 150.6170, 17.3760,
4.4800

■ 86.2860, -77.6190,
-19.5310

■ 155.9770, 25.1700,
6.4020

■ 161.3370, 32.9640,

8.3240

 166.6970, 40.7580,
10.2460

Harmonies

Analogous

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



119.5300, -22.4640, -11.3920



119.3430, -29.0670, -7.3630



121.4020, -27.5550, -1.7230

Triad

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



119.3430, -29.0670, -7.3630



127.4670, 9.3510, 12.2550



123.9120, 14.6270, -6.2770

Complementary

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



119.3430, -29.0670, -7.3630



106.6570, 29.0670, 7.3630

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.



125.6080, 21.5950, -0.3970



119.3430, -29.0670, -7.3630



127.0890, 19.1630, 10.6430

Square

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



119.3430, -29.0670, -7.3630



126.4700, -3.8990, 10.0930



126.4930, 23.6570, 6.2890



122.2310, 3.3030, -10.3050

Rectangle

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



119.3430, -29.0670, -7.3630



122.9730, -21.7330, 2.8990



126.4930, 23.6570, 6.2890



124.9340, 17.5610, -4.3830

Sweetspot

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



119.3430, -29.0670, -7.3630



173.2590, -11.0950, -2.6710



118.3220, -16.5470, -25.0190



87.2380, -6.6020, -1.4980



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



119.3430, -29.0670, -7.3630



150.3240, -45.2510, -11.4190



104.0810, -21.9170, 6.2350



66.3200, -3.8970, -0.9610



82.6670, -74.3180, -18.7820



2.9180, -2.7050, -0.5370

Inverse Universe

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



107.6780, 16.5470, 25.0190



132.1990, 25.8060, 38.9420



121.9190, 21.9170, -6.2350



64.7770, 2.2460, 3.3500



52.8770, 42.3530, 63.9610



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 119.3430, -29.0670, -7.3630 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 119.3430, -29.0670, -7.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

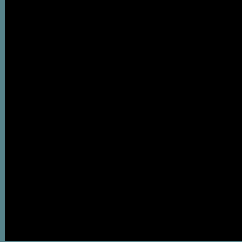
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.3430, -29.0670, -7.3630

Background



This preview shows how black text looks on a background with the YIQ color 119.3430, -29.0670, -7.3630.



This preview shows how white text looks on a background with the YIQ color 119.3430, -29.0670, -7.3630.

-7.3630.

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

119.3430, -29.0670, -7.3630

Protanopia

124.5530, -2.9350, 3.6330

Deuteranopia

125.3730, -2.2480, 7.7040



Tritanopia

119.9840, -29.4340, -6.2180

Trichromacy



Original Color

119.3430, -29.0670, -7.3630

Protanomaly

122.6550, -12.1500, -0.0700

Deuteranomaly

123.1220, -11.9670, 2.1210

Tritanomaly

119.8700, -29.1130, -6.5290

Monochromacy



Original Color

119.3430, -29.0670, -7.3630

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1450, -10.7740, -2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3430, -29.0670, -7.3630 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(87, 132, 139)` looks like.

```
.text, #text, p{  
    color:rgb(87, 132, 139)  
}
```

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(87, 132, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 132, 139) }
```

Border

The CSS property to change the border of an element to YIQ 119.3430, -29.0670, -7.3630 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(87, 132, 139) }
```


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

```
.border{ border-color:rgb(87, 132, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 132, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 132, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 132, 139); box-shadow:4px 4px 4px 4px rgb(87, 132, 139) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3430, -29.0670, -7.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 132, 139) }
```

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

```
.background{ background-color: rgb(87, 132,  
139) }
```

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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