

Converting Colors

YIQ(110.6740, -31.4970,
-7.3770)

Have a look what the booklet for
YIQ(110.6740, -31.4970, -7.3770)
contains.

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Color

**YIQ(110.6740, -31.4970,
-7.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7C85
RGB	76, 124, 133
RGB Percent	30%, 49%, 52%
CMY	0.7021, 0.5136, 0.4786
CMYK	0.43, 0.07, 0.00, 0.48
HSL	189°, 27%, 41%
HSV	189°, 43%, 52%
XYZ	14.4198, 17.6483, 24.8246
YIQ	110.6740, -31.4970, -7.3770

Conversions

Conversions Part 2

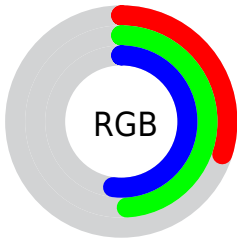
Format	Color
R_{YB}	76, 102, 133
Decimal	5012613
CIE _{Lab}	49.07, -13.79, -10.00
CIE _{LCh}	49, 17.031, 215.944
Yxy	17.6483, 0.2535, 0.3102
Android (android.graphics.Color)	4283202693 (0xFF4C7C85)
YUV	110.6740, 11.0067, -30.4091
Hunter-Lab	42.0098, -12.2474, -5.6289

Details

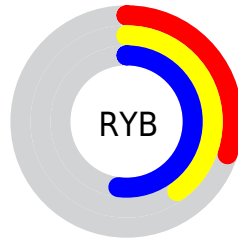
The YIQ color **110.6740, -31.4970, -7.3770** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **98.3260, 31.4970, 7.3770**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3750, -32.0930, -7.5890**, and **60.7770, -33.2850, -8.0130** is the 20% darker color. If you saturate the color by 10%, you get **105.6130, -38.6950, -9.0870**, and if you desaturate by 10%, it is **115.7350, -24.2990, -5.6670**.

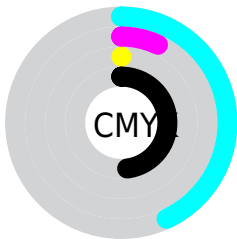
Distribution



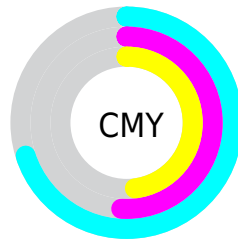
- Red (30%)
- Green (49%)
- Blue (52%)



- Red (30%)
- Yellow (40%)
- Blue (52%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.6740, -31.4970, -7.3770 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 110.6740, -31.4970, -7.3770 by changing the saturation by 10% instead.

■ 110.6740,
-31.4970, -7.3770

■ 110.6740,
-31.4970, -7.3770

■ 255.0000, -0.0000,
-0.0000

■ 85.3750, -32.0930,
-7.5890

■ 163.3750,
-32.0930, -7.5890

■ 60.6630, -32.9640,
-8.3240

■ 190.4890,
-32.4140, -7.2780

■ 37.3640, -33.5600,
-8.5360

■ 218.1900,
-33.0100, -7.4900

■ 22.6430, -21.0440,
-4.0840

■ 241.8440,
-26.2240, -9.3280

■ 2.6390, -6.0530,
5.0750

■ 250.2160, -9.5360,
-3.3920

■ 0.0000, 0.0000,
0.0000

■ 110.6740,
-31.4970, -7.3770

■ 110.6740,
-31.4970, -7.3770

■ 105.6130,
-38.6950, -9.0870

■ 115.7350,
-24.2990, -5.6670

■ 100.2530,
-46.4890, -11.0090

■ 121.0950,
-16.5050, -3.7450

■ 95.1920, -53.6870,
-12.7190

■ 126.1560, -9.3070,
-2.0350

■ 90.1310, -60.8850,
-14.4290

■ 131.2170, -2.1090,
-0.3250

■ 84.7710, -68.6790,
-16.3510

■ 136.2780, 5.0890,
1.3850

■ 80.9060, -73.4930,
-17.2130

■ 142.2250, 12.6080,
2.7840

■ 147.2860, 19.8060,
4.4940

■ 152.3470, 27.0040,

6.2040

■ 157.7070, 34.7980,
8.1260

Harmonies

Analogous

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



110.8610, -24.8940, -11.4060



110.6740, -31.4970, -7.3770



112.6300, -28.1970, -1.1010

Triad

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



110.6740, -31.4970, -7.3770



119.3640, 11.1390, 12.8910



116.0860, 14.0770, -7.3230

Complementary

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



110.6740, -31.4970, -7.3770



98.3260, 31.4970, 7.3770

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.



117.3800, 22.2370, -1.0190



110.6740, -31.4970, -7.3770



118.8720, 21.2720, 10.9680

Square

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



110.6740, -31.4970, -7.3770



118.4810, -2.4320, 11.0400



118.1510, 24.6200, 5.3560



114.2200, 1.8360, -11.2520

Rectangle

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



110.6740, -31.4970, -7.3770



114.7990, -21.1830, 3.9450



118.1510, 24.6200, 5.3560



116.1080, 17.0110, -5.4290

Sweetspot

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



110.6740, -31.4970, -7.3770



164.6610, -12.2870, -3.0950



110.4850, -18.5640, -27.0120



81.6400, -7.7940, -1.9220



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



110.6740, -31.4970, -7.3770



139.0570, -48.8730, -11.8570



94.2380, -23.7970, 7.2670



63.6190, -3.3010, -0.7490



79.3900, -71.9800, -17.1000



1.5160, -1.5130, -0.1130

Inverse Universe

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



98.5150, 18.5640, 27.0120



119.8620, 28.3730, 41.9810



114.7620, 23.7970, -7.2670



62.3640, 1.9710, 2.8270



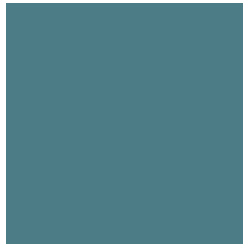
51.4100, 42.1700, 61.7700



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 110.6740, -31.4970, -7.3770 looks on a white 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

Black Background



This preview shows how the YIQ color 110.6740, -31.4970, -7.3770 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 110.6740, -31.4970, -7.3770

Background



This preview shows how black text looks on a background with the YIQ color 110.6740, -31.4970, -7.3770.



This preview shows how white text looks on a background with the YIQ color 110.6740, -31.4970,

-7.3770.

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

110.6740, -31.4970, -7.3770

Protanopia

116.3680, -3.8520, 3.7320

Deuteranopia

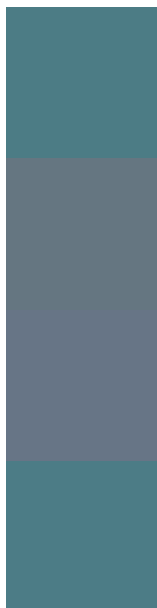
117.0030, -4.0820, 7.9020



Tritanopia

110.7880, -31.8180, -7.0660

Trichromacy



Original Color

110.6740, -31.4970, -7.3770

Protanomaly

114.1710, -13.6630, -0.1830

Deuteranomaly

114.7520, -13.8010, 2.3190

Tritanomaly

110.7880, -31.8180, -7.0660

Monochromacy



Original Color

110.6740, -31.4970, -7.3770

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.9600, -11.6910, -2.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.6740, -31.4970, -7.3770 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(76, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(76, 124, 133)  
}
```

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(76, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 124, 133) }
```

Border

The CSS property to change the border of an element to YIQ 110.6740, -31.4970, -7.3770 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(76, 124, 133) }
```


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

```
.border{ border-color:rgb(76, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(76, 124,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 110.6740, -31.4970, -7.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 124, 133) }
```

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

```
.background{ background-color: rgb(76, 124,  
133) }
```

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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