

Converting Colors

YIQ(127.4770, -49.3350, 7.5370)

Have a look what the booklet for
YIQ(127.4770, -49.3350, 7.5370)
contains.

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Color

**YIQ(127.4770, -49.3350,
7.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	5588C3
RGB	85, 136, 195
RGB Percent	33%, 53%, 76%
CMY	0.6667, 0.4666, 0.2355
CMYK	0.56, 0.30, 0.00, 0.24
HSL	212°, 48%, 55%
HSV	212°, 56%, 76%
XYZ	22.3949, 23.4820, 54.9454
YIQ	127.4770, -49.3350, 7.5370

Conversions

Conversions Part 2

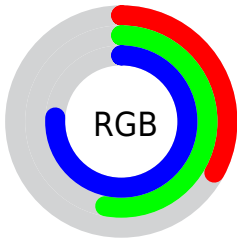
Format	Color
R _Y B	85, 120, 195
Decimal	5605571
CIE Lab	55.57, 0.35, -35.84
CIE LCh	56, 35.841, 270.559
Yxy	23.4820, 0.2221, 0.2329
Android (android.graphics.Color)	4283795651 (0xFF5588C3)
YUV	127.4770, 33.2888, -37.2523
Hunter-Lab	48.4583, -2.3084, -33.3064

Details

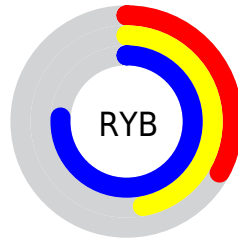
The YIQ color $127.4770, -49.3350, 7.5370$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $152.5230, 49.3350, -7.5370$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.1290, -48.2350, 9.6290$, and $71.9270, -59.6500, 1.7420$ is the 20% darker color. If you saturate the color by 10%, you get $115.6270, -58.5050, 8.5270$, and if you desaturate by 10%, it is $139.0280, -40.7610, 6.3350$.

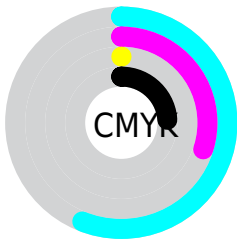
Distribution



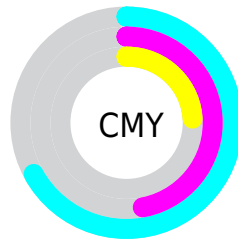
- Red (33%)
- Green (53%)
- Blue (76%)



- Red (33%)
- Yellow (47%)
- Blue (76%)



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.4770, -49.3350, 7.5370 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 127.4770, -49.3350, 7.5370 by changing the saturation by 10% instead.

■ 127.4770,
-49.3350, 7.5370

■ 127.4770,
-49.3350, 7.5370

■ 255.0000, -0.0000,
-0.0000

■ 100.7540,
-51.6730, 5.8550

■ 182.1290,
-48.2350, 9.6290

■ 71.9270, -59.6500,
1.7420

■ 207.2790,
-40.2100, 1.8540

■ 50.6780, -54.5150,
2.2930

■ 232.3860,
-30.6260, -6.6420

■ 34.9140, -40.4400,
6.0240

■ 246.9270,
-16.0920, -5.7240

■ 20.4380, -27.2360,
9.0200

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 127.4770,
-49.3350, 7.5370

■ 127.4770,
-49.3350, 7.5370

■ 115.6270,
-58.5050, 8.5270

■ 139.0280,
-40.7610, 6.3350

■ 103.4890,
-66.8040, 10.2520

■ 151.4650,
-31.8660, 4.8220

■ 91.9380, -75.3780,
11.4540

■ 163.0160,
-23.2920, 3.6200

■ 79.5010, -84.2730,
12.9670

■ 175.4530,
-14.3970, 2.1070

■ 75.0600, -87.3450,
13.5750

■ 187.0040, -5.8230,
0.9050

■ 199.4410, 3.0720,
-0.6080

■ 210.9920, 11.6460,
-1.8100

■ 223.4290, 20.5410,
-3.3230

■ 233.4850, 26.1350,
-5.5850

Harmonies

Analogous

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



105.8460, -99.6270, -17.1550



127.4770, -49.3350, 7.5370



135.6560, -12.7500, 21.8260

Triad

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



127.4770, -49.3350, 7.5370



134.0080, 50.2480, 14.4720



122.3210, -23.9740, -28.0860

Complementary

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



127.4770, -49.3350, 7.5370



152.5230, 49.3350, -7.5370

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.



127.5390, 7.7070, -24.0450



127.4770, -49.3350, 7.5370



132.4830, 46.8120, -0.3560

Square

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



127.4770, -49.3350, 7.5370



135.7810, 41.1220, 25.6820



130.3250, 32.0970, -14.5190



110.1000, -68.7680, -31.2640

Rectangle

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



127.4770, -49.3350, 7.5370



136.8390, 8.8440, 26.9560



130.3250, 32.0970, -14.5190



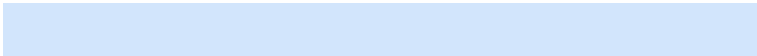
124.0080, -12.7870, -27.0830

Sweetspot

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



127.4770, -49.3350, 7.5370



225.9410, -18.7070, 3.1250



156.2960, -49.1890, -39.1810



112.0080, -11.6460, 1.8100



0.0000, 0.0000, 0.0000



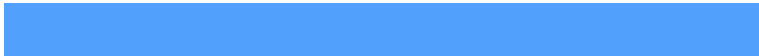
128.0000, -0.0000, -0.0000

Same Dimension

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



127.4770, -49.3350, 7.5370



146.8670, -76.6160, 11.8640



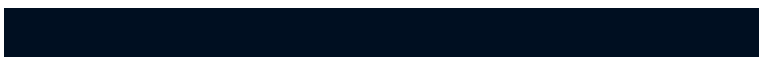
98.7360, -32.9260, 35.0580



91.0750, -4.5850, 0.4950



62.3790, -72.3060, 10.8460



12.5670, -14.7180, 2.4180

Inverse Universe

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



123.7040, 49.1890, 39.1810



141.1350, 76.5570, 60.8210



181.2640, 32.9260, -35.0580



90.5600, 4.3550, 3.6750



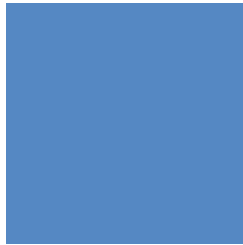
56.6890, 71.8810, 57.4570



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 127.4770, -49.3350, 7.5370 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 127.4770, -49.3350, 7.5370 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 127.4770, -49.3350, 7.5370

Background



This preview shows how black text looks on a background with the YIQ color 127.4770, -49.3350, 7.5370.

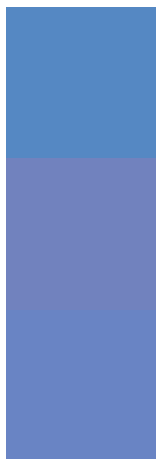


This preview shows how white text looks on a background with the YIQ color 127.4770, -49.3350,

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

127.4770, -49.3350, 7.5370

Protanopia

131.7570, -29.3920, 15.0560

Deuteranopia

131.2230, -36.6360, 14.1800



Tritanopia

122.8290, -48.2310, -12.4790

Trichromacy



Original Color

127.4770, -49.3350, 7.5370

Protanomaly

130.1690, -36.5440, 12.5120

Deuteranomaly

129.7170, -41.0830, 12.1730

Tritanomaly

124.5720, -48.6450, -4.9730

Monochromacy



Original Color

127.4770, -49.3350, 7.5370

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1260, -17.7900, 3.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.4770, -49.3350, 7.5370 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(85, 136, 195)` looks like.

```
.text, #text, p{  
    color:rgb(85, 136, 195)  
}
```

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(85, 136, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 136, 195) }
```

Border

The CSS property to change the border of an element to YIQ 127.4770, -49.3350, 7.5370 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(85, 136, 195) }
```


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

```
.border{ border-color:rgb(85, 136, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 136, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 136, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 136, 195);  
box-shadow:4px 4px 4px 4px rgb(85, 136,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 127.4770, -49.3350, 7.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 136, 195) }
```

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

```
.background{ background-color: rgb(85, 136,  
195) }
```

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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