

Converting Colors

YIQ(125.4480, -68.7270,
-4.4630)

Have a look what the booklet for
YIQ(125.4480, -68.7270, -4.4630)
contains.

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Color

**YIQ(125.4480, -68.7270,
-4.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	3993C2
RGB	57, 147, 194
RGB Percent	22%, 58%, 76%
CMY	0.7766, 0.4234, 0.2395
CMYK	0.71, 0.24, 0.00, 0.24
HSL	201°, 55%, 49%
HSV	201°, 71%, 76%
XYZ	21.8530, 25.6392, 54.7896
YIQ	125.4480, -68.7270, -4.4630

Conversions

Conversions Part 2

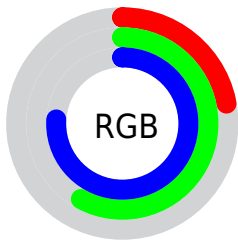
Format	Color
R _Y B	57, 111, 194
Decimal	3773378
CIE Lab	57.69, -11.33, -32.02
CIE LCh	58, 33.967, 250.511
Yxy	25.6392, 0.2137, 0.2507
Android (android.graphics.Color)	4281963458 (0xFF3993C2)
YUV	125.4480, 33.7961, -60.0289
Hunter-Lab	50.6352, -11.5749, -28.7099

Details

The YIQ color **125.4480, -68.7270, -4.4630** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **125.5520, 68.7270, 4.4630**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.4810, -64.3260, -1.6220**, and **72.8990, -71.6150, -7.1910** is the 20% darker color. If you saturate the color by 10%, you get **115.6580, -78.1260, -4.8300**, and if you desaturate by 10%, it is **135.2380, -59.3280, -4.0960**.

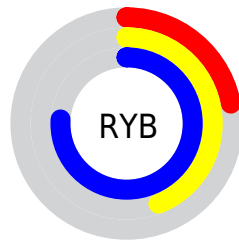
Distribution



Red (22%)

Green (58%)

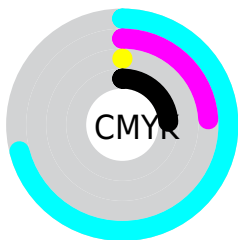
Blue (76%)



Red (22%)

Yellow (44%)

Blue (76%)

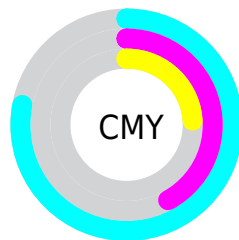


Cyan (71%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.4480, -68.7270, -4.4630 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 125.4480, -68.7270, -4.4630 by changing the saturation by 10% instead.

■ 125.4480,
-68.7270, -4.4630

■ 125.4480,
-68.7270, -4.4630

■ 255.0000, -0.0000,
-0.0000

■ 91.2610, -84.4980,
-10.4980

■ 182.4810,
-64.3260, -1.6220

■ 72.8990, -71.6150,
-7.1910

■ 208.3430,
-55.4300, -8.6620

■ 55.8470, -56.6690,
-2.7250

■ 232.2760,
-45.2960, -16.1120

■ 39.6100, -42.6400,
1.8400

■ 241.2460,
-27.4160, -9.7520

■ 25.1340, -29.4360,
4.8360

■ 250.2160, -9.5360,
-3.3920

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 125.4480,
-68.7270, -4.4630

■ 125.4480,
-68.7270, -4.4630

■ 115.6580,
-78.1260, -4.8300

■ 135.2380,
-59.3280, -4.0960

■ 106.1560,
-88.3960, -5.9320

■ 144.7400,
-49.0580, -2.9940

■ 97.2520, -97.4740,
-6.6100

■ 154.5300,
-39.6590, -2.6270

■ 164.6190,
-29.6640, -2.0480

■ 173.8220,
-19.9900, -1.1580

■ 183.6120,
-10.5910, -0.7910

■ 193.7010, -0.5960,
-0.2120

■ 202.9040, 9.0780,
0.6780

■ 212.6940, 18.4770,
1.0450

Harmonies

Analogous

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



109.8750, -98.5710, -25.2830



125.4480, -68.7270, -4.4630



136.9520, -34.4350, 12.8370

Triad

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



125.4480, -68.7270, -4.4630



140.8150, 43.7820, 21.5260



131.7490, -1.6920, -24.4120

Complementary

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



125.4480, -68.7270, -4.4630



125.5520, 68.7270, 4.4630

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.



135.4380, 24.3490, -17.2750



125.4480, -68.7270, -4.4630



139.3620, 49.0110, 9.3550

Square

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



125.4480, -68.7270, -4.4630



142.4080, 26.1750, 26.7430



137.7980, 41.3110, -5.2890



126.2860, -34.0610, -26.9970

Rectangle

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



125.4480, -68.7270, -4.4630



141.0150, -12.3830, 20.6810



137.7980, 41.3110, -5.2890



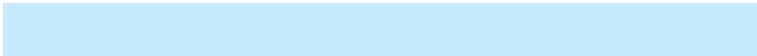
133.1800, 7.3400, -22.9000

Sweetspot

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



125.4480, -68.7270, -4.4630



225.5870, -26.6380, -1.8220



142.6630, -52.4410, -57.3450



111.9750, -16.0470, -1.0310



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.



125.4480, -68.7270, -4.4630



145.1630, -107.4690, -7.1890



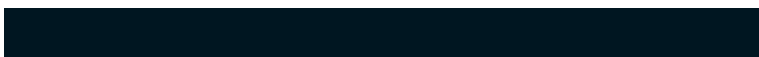
86.1190, -50.3020, 30.5780



92.2490, -5.1350, -0.5510



80.5760, -80.8310, -5.3670



16.6760, -16.6430, -1.2430

Inverse Universe

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



108.2230, 52.7620, 57.0340



118.0600, 82.2830, 89.2190



164.8810, 50.3020, -30.5780



90.7880, 3.7130, 4.2970



60.2230, 61.9300, 67.0980



12.3750, 12.6060, 13.8380

Previews

White Background



This preview shows how the YIQ color 125.4480, -68.7270, -4.4630 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 125.4480, -68.7270, -4.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

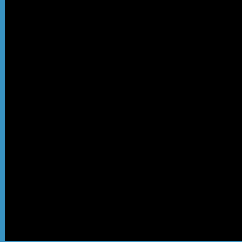
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.4480, -68.7270, -4.4630

Background



This preview shows how black text looks on a background with the YIQ color 125.4480, -68.7270, -4.4630.



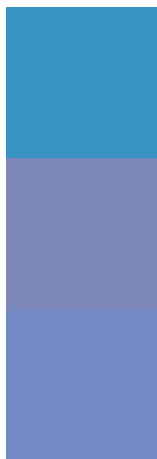
This preview shows how white text looks on a background with the YIQ color 125.4480, -68.7270, -4.4630.

-4.4630.

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

125.4480, -68.7270, -4.4630

Protanopia

137.9980, -22.8810, 12.6950

Deuteranopia

136.8600, -31.1800, 14.4200



Tritanopia

118.4990, -73.9050, -20.7610

Trichromacy



Original Color

125.4480, -68.7270, -4.4630

Protanomaly

133.5120, -39.2480, 6.4480

Deuteranomaly

132.8150, -44.4750, 7.5650

Tritanomaly

120.9710, -72.1180, -14.5980

Monochromacy



Original Color

125.4480, -68.7270, -4.4630

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0710, -25.1250, -1.7090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.4480, -68.7270, -4.4630 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(57, 147, 194)` looks like.

```
.text, #text, p{  
    color:rgb(57, 147, 194)  
}
```

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(57, 147, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 147, 194) }
```

Border

The CSS property to change the border of an element to YIQ 125.4480, -68.7270, -4.4630 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(57, 147, 194) }
```


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

```
.border{ border-color:rgb(57, 147, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 147, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 147, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 147, 194);  
box-shadow:4px 4px 4px 4px rgb(57, 147,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 125.4480, -68.7270, -4.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 147, 194) }
```

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

```
.background{ background-color: rgb(57, 147,  
194) }
```

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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