

Converting Colors

YIQ(142.3770, -69.9650,
-4.0530)

Have a look what the booklet for
YIQ(142.3770, -69.9650, -4.0530)
contains.

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Color

**YIQ(142.3770, -69.9650,
-4.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	49A4D5
RGB	73, 164, 213
RGB Percent	29%, 64%, 84%
CMY	0.7139, 0.3567, 0.1650
CMYK	0.66, 0.23, 0.00, 0.17
HSL	201°, 62%, 56%
HSV	201°, 66%, 83%
XYZ	28.0264, 32.7793, 67.7471
YIQ	142.3770, -69.9650, -4.0530

Conversions

Conversions Part 2

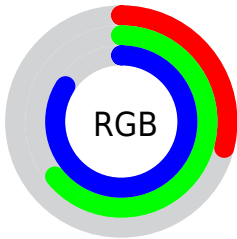
Format	Color
R _Y B	73, 128, 213
Decimal	4826325
CIE Lab	63.98, -11.95, -32.84
CIE LCh	64, 34.949, 250.003
Yxy	32.7793, 0.2180, 0.2550
Android (android.graphics.Color)	4283016405 (0xFF49A4D5)
YUV	142.3770, 34.8171, -60.8436
Hunter-Lab	57.2532, -12.8143, -30.0800

Details

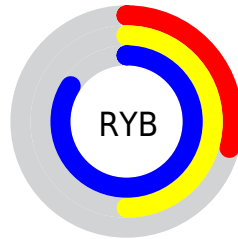
The YIQ color **142.3770, -69.9650, -4.0530** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **143.6230, 69.9650, 4.0530**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.9880, -61.6200, -6.6120**, and **83.7560, -81.5180, -9.4380** is the 20% darker color. If you saturate the color by 10%, you get **131.9890, -80.5560, -4.8440**, and if you desaturate by 10%, it is **152.7650, -59.3740, -3.2620**.

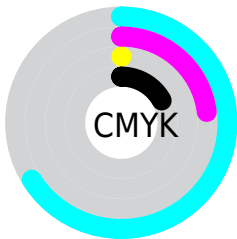
Distribution



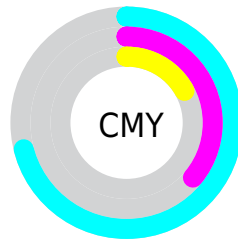
- Red (29%)
- Green (64%)
- Blue (84%)



- Red (29%)
- Yellow (50%)
- Blue (84%)



- Cyan (66%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (71%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.3770, -69.9650, -4.0530 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 142.3770, -69.9650, -4.0530 by changing the saturation by 10% instead.

■ 142.3770,
-69.9650, -4.0530

■ 142.3770,
-69.9650, -4.0530

■ 255.0000, -0.0000,
-0.0000

■ 112.2620,
-77.0710, -7.4310

■ 197.9880,
-61.6200, -6.6120

■ 83.7560, -81.5180,
-9.4380

■ 223.3940,
-51.4400, -14.8960

■ 66.7040, -66.5720,
-4.9720

■ 236.7610,
-36.3560, -12.9320

■ 50.2390, -51.9010,
-1.0290

■ 245.7310,
-18.4760, -6.5720

■ 34.5890, -38.1470,
3.0130

■ 20.1130, -24.9430,
6.0090

■ 5.2780, -12.1060,

10.1500

■ 1.4820, -4.1730,
4.0430

■ 0.0000, 0.0000,
0.0000

■ 142.3770,
-69.9650, -4.0530

■ 142.3770,
-69.9650, -4.0530

■ 131.9890,
-80.5560, -4.8440

■ 152.7650,
-59.3740, -3.2620

■ 120.7150,
-91.4680, -5.3240

■ 164.0390,
-48.4620, -2.7820

■ 110.3270,
-102.0590, -6.1150

■ 174.4270,
-37.8710, -1.9910

■ 105.8750,
-106.5980, -6.4540

■ 185.4020,
-27.5550, -1.7230

■ 195.7900,
-16.9640, -0.9320

■ 207.0640, -6.0520,
-0.4520

■ 217.4520, 4.5390,
0.3390

■ 228.4270, 14.8550,
0.6070

■ 236.1240, 20.0820,
-0.5100

Harmonies

Analogous

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



128.7830, -95.3160, -23.7000



142.3770, -69.9650, -4.0530



153.5820, -36.2690, 13.0350

Triad

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



142.3770, -69.9650, -4.0530



158.1250, 45.8450, 22.6850



148.1080, -1.3250, -25.5570

Complementary

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



142.3770, -69.9650, -4.0530



143.6230, 69.9650, 4.0530

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.



152.0960, 25.3120, -18.2080



142.3770, -69.9650, -4.0530



156.4440, 51.7160, 9.8920

Square

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



142.3770, -69.9650, -4.0530



159.5330, 27.3210, 28.0010



154.4670, 43.7410, -5.2750



142.7590, -34.0150, -27.8310

Rectangle

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



142.3770, -69.9650, -4.0530



157.6560, -12.7500, 21.8260



154.4670, 43.7410, -5.2750



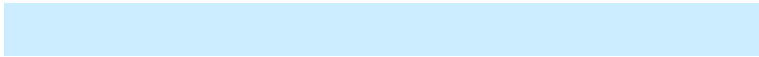
149.2510, 8.5780, -23.3100

Sweetspot

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



142.3770, -69.9650, -4.0530



229.1850, -25.4460, -1.3980



160.5380, -53.5870, -58.6030



112.2740, -15.4510, -0.8190



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.



142.3770, -69.9650, -4.0530



153.8110, -100.5460, -6.0020



102.4610, -51.2650, 31.5110



101.3630, -5.4560, -0.2400



84.6510, -85.4160, -4.8720



21.3380, -21.5030, -1.2710

Inverse Universe

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



125.2340, 54.2290, 57.9810



129.0330, 77.7450, 83.3530



183.5390, 51.2650, -31.5110



100.0870, 4.3090, 4.5090



63.7830, 66.2850, 70.7730



16.0490, 16.6400, 17.8240

Previews

White Background



This preview shows how the YIQ color 142.3770, -69.9650, -4.0530 looks on a white background.

Color Contrast Check

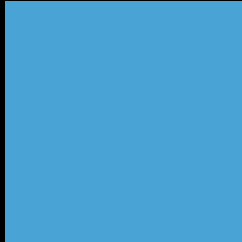
Large Text (above 18pt) WCAG AA × Fail

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 142.3770, -69.9650, -4.0530 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 ✓ Pass

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

YIQ 142.3770, -69.9650, -4.0530

Background



This preview shows how black text looks on a background with the YIQ color 142.3770, -69.9650, -4.0530.



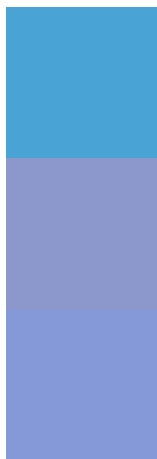
This preview shows how white text looks on a background with the YIQ color 142.3770, -69.9650, -4.0530.

-4.0530.

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

142.3770, -69.9650, -4.0530

Protanopia

154.3400, -23.8440, 13.6280

Deuteranopia

153.6150, -31.8680, 15.8760



Tritanopia

136.8090, -71.8420, -19.6020

Trichromacy



Original Color

142.3770, -69.9650, -4.0530

Protanomaly

149.8540, -40.2110, 7.3810

Deuteranomaly

149.2710, -45.7590, 8.8090

Tritanomaly

138.6830, -71.2470, -13.8630

Monochromacy



Original Color

142.3770, -69.9650, -4.0530

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1850, -25.4460, -1.3980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.3770, -69.9650, -4.0530 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(73, 164, 213)` looks like.

```
.text, #text, p{  
    color:rgb(73, 164, 213)  
}
```

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(73, 164, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 164, 213) }
```

Border

The CSS property to change the border of an element to YIQ 142.3770, -69.9650, -4.0530 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(73, 164, 213) }
```


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

```
.border{ border-color:rgb(73, 164, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 164, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 164, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 164, 213);  
box-shadow:4px 4px 4px 4px rgb(73, 164,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 142.3770, -69.9650, -4.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 164, 213) }
```

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

```
.background{ background-color: rgb(73, 164,  
213) }
```

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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