

Converting Colors

YIQ(144.0270, -74.5510, 1.9690)

Have a look what the booklet for
YIQ(144.0270, -74.5510, 1.9690)
contains.

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Color

**YIQ(144.0270, -74.5510,
1.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA3E6
RGB	74, 163, 230
RGB Percent	29%, 64%, 90%
CMY	0.7099, 0.3606, 0.0984
CMYK	0.68, 0.29, 0.00, 0.10
HSL	206°, 76%, 60%
HSV	206°, 68%, 90%
XYZ	30.1950, 33.3701, 79.6472
YIQ	144.0270, -74.5510, 1.9690

Conversions

Conversions Part 2

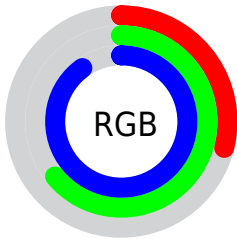
Format	Color
RYB	74, 131, 230
Decimal	4891622
CIELab	64.46, -5.64, -41.48
CIELCh	64, 41.863, 262.258
Yxy	33.3701, 0.2108, 0.2330
Android (android.graphics.Color)	4283081702 (0xFF4AA3E6)
YUV	144.0270, 42.3847, -61.4137
Hunter-Lab	57.7668, -7.7890, -41.3106

Details

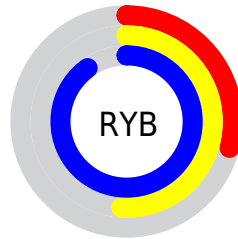
The YIQ color **144.0270, -74.5510, 1.9690** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **159.9730, 74.5510, -1.9690**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2980, -59.5570, -5.4530**, and **85.5800, -86.6540, -4.4620** is the 20% darker color. If you saturate the color by 10%, you get **131.2800, -85.5090, 2.3230**, and if you desaturate by 10%, it is **156.7740, -63.5930, 1.6150**.

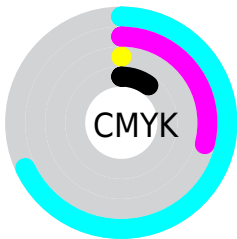
Distribution



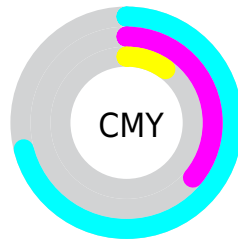
- Red (29%)
- Green (64%)
- Blue (90%)



- Red (29%)
- Yellow (51%)
- Blue (90%)



- Cyan (68%)
- Magenta (29%)
- Yellow (0%)
- Black (10%)



- Cyan (71%)
- Magenta (36%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.0270, -74.5510, 1.9690 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 144.0270, -74.5510, 1.9690 by changing the saturation by 10% instead.

■ 144.0270,
-74.5510, 1.9690

■ 144.0270,
-74.5510, 1.9690

■ 255.0000, -0.0000,
-0.0000

■ 113.0150,
-83.4450, -2.0450

■ 198.2980,
-59.5570, -5.4530

■ 85.5800, -86.6540,
-4.4620

■ 223.7040,
-49.3770, -13.7370

■ 67.8270, -71.1120,
0.2160

■ 237.9570,
-33.9720, -12.0840

■ 51.3620, -56.4410,
4.1590

■ 247.2260,
-15.4960, -5.5120

■ 36.1850, -42.6410,
7.3670

■ 21.7090, -29.4370,
10.3630

■ 7.9340, -16.8290,

13.1470

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 144.0270,
-74.5510, 1.9690

■ 144.0270,
-74.5510, 1.9690

■ 131.2800,
-85.5090, 2.3230

■ 156.7740,
-63.5930, 1.6150

■ 118.5330,
-96.4670, 2.6770

■ 169.5210,
-52.6350, 1.2610

■ 105.7860,
-107.4250, 3.0310

■ 182.2680,
-41.6770, 0.9070

■ 103.1170,
-109.8550, 3.0170

■ 194.4280,
-30.4440, 1.0760

■ 207.1750,
-19.4860, 0.7220

■ 219.9220, -8.5280,
0.3680

■ 232.6690, 2.4300,
0.0140

■ 244.5190, 11.6000,
-0.9760

■ 250.3890, 8.8500,
-6.2060

Harmonies

Analogous

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



125.3600, -115.9940, -23.4020



144.0270, -74.5510, 1.9690



157.0550, -27.0550, 22.2650

Triad

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



144.0270, -74.5510, 1.9690



158.1280, 58.9580, 21.8220



145.0950, -17.6460, -32.6380

Complementary

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



144.0270, -74.5510, 1.9690



159.9730, 74.5510, -1.9690

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.



150.8190, 18.4820, -26.5900



144.0270, -74.5510, 1.9690



155.8760, 59.0070, 4.4070

Square

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



144.0270, -74.5510, 1.9690



159.7800, 42.8630, 32.6790



154.0830, 44.5220, -13.9260



133.3080, -66.6580, -36.4660

Rectangle

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



144.0270, -74.5510, 1.9690



160.7550, 0.4530, 30.3490



154.0830, 44.5220, -13.9260



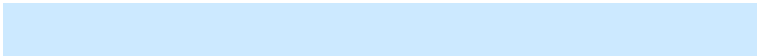
147.2660, -4.9460, -31.5220

Sweetspot

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



144.0270, -74.5510, 1.9690



226.8370, -24.3460, 0.6940



172.9820, -63.7650, -61.3730



110.5130, -14.6260, 0.7500



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.



144.0270, -74.5510, 1.9690



140.8640, -98.8970, 2.6630



99.4150, -53.6510, 41.7170



108.4770, -5.7770, 0.0710



80.2800, -85.5090, 2.3230



22.8370, -24.3460, 0.6940

Inverse Universe

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



130.7900, 64.4070, 60.7510



123.3450, 85.4940, 80.5820



204.5850, 53.6510, -41.7170



107.3860, 4.9050, 4.7210



65.1490, 73.9420, 69.6700



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 144.0270, -74.5510, 1.9690 looks on a white background.

Color Contrast Check

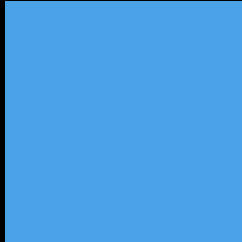
Large Text (above 18pt) WCAG AA × Fail

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 144.0270, -74.5510, 1.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

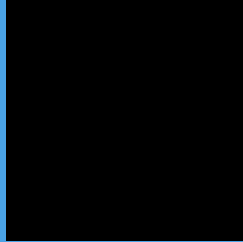
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

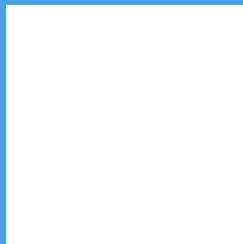
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 144.0270, -74.5510, 1.9690

Background



This preview shows how black text looks on a background with the YIQ color 144.0270, -74.5510, 1.9690.

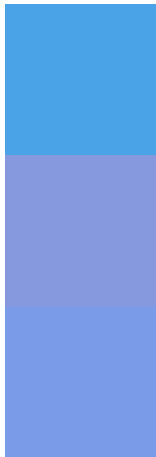


This preview shows how white text looks on a background with the YIQ color 144.0270, -74.5510,

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

144.0270, -74.5510, 1.9690

Protanopia

155.1850, -33.4730, 17.4310

Deuteranopia

153.6120, -44.9810, 16.7390



Tritanopia

135.5090, -79.8650, -22.8810

Trichromacy



Original Color

144.0270, -74.5510, 1.9690

Protanomaly

151.2970, -48.6480, 11.6080

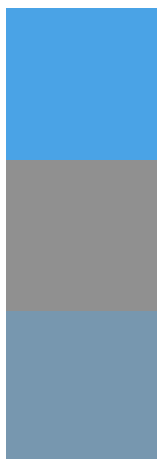
Deuteranomaly

150.1760, -55.6170, 11.2550

Tritanomaly

138.8610, -77.6200, -14.0040

Monochromacy



Original Color

144.0270, -74.5510, 1.9690

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.1680, -26.7760, 0.6800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.0270, -74.5510, 1.9690 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(74, 163, 230)` looks like.

```
.text, #text, p{  
    color:rgb(74, 163, 230)  
}
```

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(74, 163, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 163, 230) }
```

Border

The CSS property to change the border of an element to YIQ 144.0270, -74.5510, 1.9690 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(74, 163, 230) }
```


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

```
.border{ border-color:rgb(74, 163, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 163, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 163, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 163, 230);  
box-shadow:4px 4px 4px 4px rgb(74, 163,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 144.0270, -74.5510, 1.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 163, 230) }
```

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

```
.background{ background-color: rgb(74, 163,  
230) }
```

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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