

Converting Colors

YIQ(147.9370, -74.7780,
-10.4420)

Have a look what the booklet for
YIQ(147.9370, -74.7780, -10.4420)
contains.

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Color

**YIQ(147.9370, -74.7780,
-10.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	46AFD5
RGB	70, 175, 213
RGB Percent	27%, 69%, 84%
CMY	0.7257, 0.3135, 0.1650
CMYK	0.67, 0.18, 0.00, 0.17
HSL	196°, 63%, 55%
HSV	196°, 67%, 83%
XYZ	29.8599, 36.7770, 68.4203
YIQ	147.9370, -74.7780, -10.4420

Conversions

Conversions Part 2

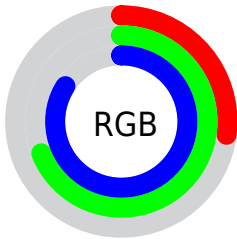
Format	Color
R _Y B	70, 131, 213
Decimal	4632533
CIE Lab	67.11, -18.33, -28.01
CIE LCh	67, 33.477, 236.805
Yxy	36.7770, 0.2211, 0.2723
Android (android.graphics.Color)	4282822613 (0xFF46AFD5)
YUV	147.9370, 32.0761, -68.3507
Hunter-Lab	60.6440, -18.2373, -24.4418

Details

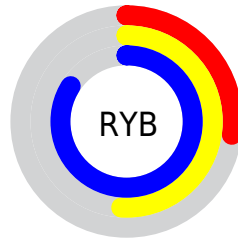
The YIQ color **147.9370, -74.7780, -10.4420** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **135.0630, 74.7780, 10.4420**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4340, -66.1120, -13.3120**, and **89.6260, -84.2680, -14.6680** is the 20% darker color. If you saturate the color by 10%, you get **138.1360, -85.6440, -11.7560**, and if you desaturate by 10%, it is **157.7380, -63.9120, -9.1280**.

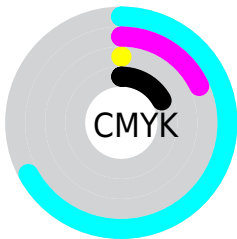
Distribution



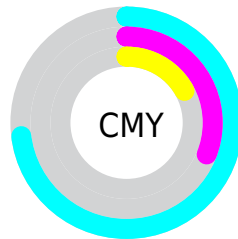
- Red (27%)
- Green (69%)
- Blue (84%)



- Red (27%)
- Yellow (51%)
- Blue (84%)



- Cyan (67%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (73%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.9370, -74.7780, -10.4420 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 147.9370, -74.7780, -10.4420 by changing the saturation by 10% instead.

■ 147.9370,
-74.7780, -10.4420

■ 147.9370,
-74.7780, -10.4420

■ 255.0000, -0.0000,
-0.0000

■ 116.0390,
-83.9930, -14.1450

■ 204.4340,
-66.1120, -13.3120

■ 89.6260, -84.2680,
-14.6680

■ 227.4920,
-54.8320, -19.5040

■ 72.5740, -69.3220,
-10.2020

■ 236.4620,
-36.9520, -13.1440

■ 55.6360, -54.6970,
-5.4250

■ 245.4320,
-19.0720, -6.7840

■ 39.2850, -40.3470,
-1.1710

■ 254.7010, -0.5960,
-0.2120

■ 24.9230, -27.4640,
2.1360

■ 5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 147.9370,
-74.7780, -10.4420

■ 147.9370,
-74.7780, -10.4420

■ 138.1360,
-85.6440, -11.7560

■ 157.7380,
-63.9120, -9.1280

■ 128.6230,
-97.3810, -13.8050

■ 167.2510,
-52.1750, -7.0790

■ 118.8220,
-108.2470, -15.1190

■ 177.0520,
-41.3090, -5.7650

■ 116.4410,
-111.5480, -15.8680

■ 186.8530,
-30.4430, -4.4510

■ 196.0670,
-19.3020, -2.6140

■ 206.1670, -7.8400,
-1.0880

■ 215.9680, 3.0260,
0.2260

■ 225.1820, 14.1670,
2.0630

■ 233.1890, 21.4570,
2.1050

Harmonies

Analogous

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



142.7650, -77.7100, -23.3900



147.9370, -74.7780, -10.4420



158.1350, -48.3720, 6.6040

Triad

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



147.9370, -74.7780, -10.4420



167.4000, 37.8210, 24.9330



158.8600, 11.2370, -21.9390

Complementary

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



147.9370, -74.7780, -10.4420



135.0630, 74.7780, 10.4420

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.



161.5750, 34.3890, -12.0030



147.9370, -74.7780, -10.4420



165.4640, 48.9640, 15.7160

Square

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



147.9370, -74.7780, -10.4420



167.6610, 15.2170, 27.0970



163.8360, 47.3160, 1.5240



153.8980, -18.2890, -26.4890

Rectangle

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



147.9370, -74.7780, -10.4420



163.3660, -26.7330, 16.4270



163.8360, 47.3160, 1.5240



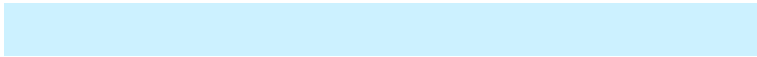
159.9320, 19.9020, -19.2820

Sweetspot

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



147.9370, -74.7780, -10.4420



231.5330, -26.5460, -3.4900



158.0450, -50.8810, -63.5930



113.4480, -16.0010, -1.8650



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.



147.9370, -74.7780, -10.4420



160.8220, -108.2470, -15.1190



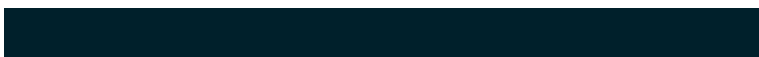
107.4340, -55.8030, 25.6450



101.9500, -5.7310, -0.7630



93.4560, -89.5410, -12.7170



23.6860, -22.6030, -3.3630

Inverse Universe

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



124.7270, 51.5230, 62.9710



127.2210, 74.5800, 91.1560



175.5660, 55.8030, -25.6450



100.2010, 3.9880, 4.8200



65.4930, 61.4700, 75.4380



16.5050, 15.3560, 19.0680

Previews

White Background



This preview shows how the YIQ color 147.9370, -74.7780, -10.4420 looks on a white background.

Color Contrast Check

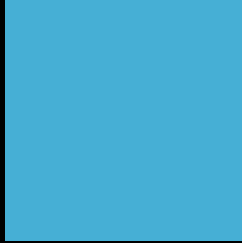
Large Text (above 18pt) WCAG AA × Fail

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 147.9370, -74.7780, -10.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

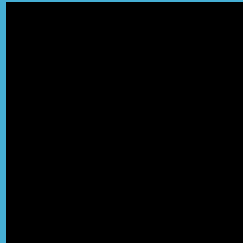
Any Text WCAG AA ✓ Pass

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 147.9370, -74.7780, -10.4420 Background



This preview shows how black text looks on a background with the YIQ color 147.9370, -74.7780, -10.4420.



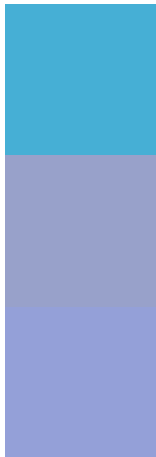
This preview shows how white text looks on a background with the YIQ color 147.9370, -74.7780, -10.4420.

-10.4420.

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

147.9370, -74.7780, -10.4420

Protanopia

162.9830, -18.5250, 10.8430

Deuteranopia

162.7960, -25.1280, 14.8720



Tritanopia

143.8300, -76.3350, -20.7750

Trichromacy



Original Color

147.9370, -74.7780, -10.4420

Protanomaly

157.4040, -39.0640, 3.1120

Deuteranomaly

157.2450, -42.8700, 6.0100

Tritanomaly

145.2370, -75.9230, -17.2270

Monochromacy



Original Color

147.9370, -74.7780, -10.4420

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2340, -27.1420, -3.7020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9370, -74.7780, -10.4420 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(70, 175, 213)` looks like.

```
.text, #text, p{  
    color:rgb(70, 175, 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(70, 175, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 175, 213) }
```

Border

The CSS property to change the border of an element to YIQ 147.9370, -74.7780, -10.4420 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(70, 175, 213) }
```


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

```
.border{ border-color:rgb(70, 175, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 175, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 175, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 175, 213);  
box-shadow:4px 4px 4px 4px rgb(70, 175,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9370, -74.7780, -10.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 175, 213) }
```

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

```
.background{ background-color: rgb(70, 175,  
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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