

Converting Colors

YIQ(172.4770, -49.3350, 7.5370)

Have a look what the booklet for
YIQ(172.4770, -49.3350, 7.5370)
contains.

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Color

**YIQ(172.4770, -49.3350,
7.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	82B5F0
RGB	130, 181, 240
RGB Percent	51%, 71%, 94%
CMY	0.4903, 0.2901, 0.0591
CMYK	0.46, 0.25, 0.00, 0.06
HSL	212°, 78%, 73%
HSV	212°, 46%, 94%
XYZ	41.4499, 44.0883, 88.7154
YIQ	172.4770, -49.3350, 7.5370

Conversions

Conversions Part 2

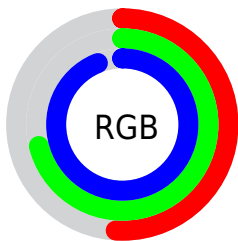
Format	Color
R _Y B	130, 165, 240
Decimal	8566256
CIE Lab	72.29, -1.38, -34.58
CIE LCh	72, 34.608, 267.712
Yxy	44.0883, 0.2379, 0.2530
Android (android.graphics.Color)	4286756336 (0xFF82B5F0)
YUV	172.4770, 33.2888, -37.2523
Hunter-Lab	66.3990, -4.7687, -32.7378

Details

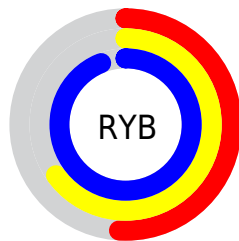
The YIQ color **172.4770, -49.3350, 7.5370** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **197.5230, 49.3350, -7.5370**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.1020, -35.5780, -5.0020**, and **117.9390, -50.7560, 5.7560** is the 20% darker color. If you saturate the color by 10%, you get **157.6700, -60.0640, 9.2480**, and if you desaturate by 10%, it is **187.2840, -38.6060, 5.8260**.

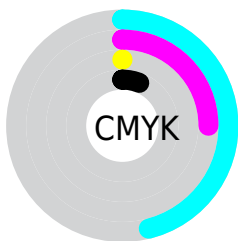
Distribution



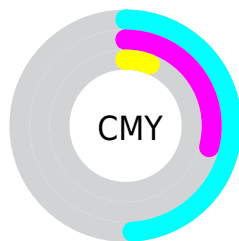
- Red (51%)
- Green (71%)
- Blue (94%)



- Red (51%)
- Yellow (65%)
- Blue (94%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.4770, -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 172.4770, -49.3350, 7.5370 by changing the saturation by 10% instead.

■ 172.4770,
-49.3350, 7.5370

■ 172.4770,
-49.3350, 7.5370

■ 255.0000, -0.0000,
-0.0000

■ 144.9500,
-49.2890, 6.7030

■ 224.1020,
-35.5780, -5.0020

■ 117.9390,
-50.7560, 5.7560

■ 243.3390,
-23.2440, -8.2680

■ 90.6180, -54.2860,
3.6500

■ 252.3090, -5.3640,
-1.9080

■ 61.7800, -63.7300,
-1.4100

■ 45.4290, -49.3800,
2.8440

■ 30.2520, -35.5800,
6.0520

■ 14.7160, -22.1470,

10.4050

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 172.4770,
-49.3350, 7.5370

■ 172.4770,
-49.3350, 7.5370

■ 157.6700,
-60.0640, 9.2480

■ 187.2840,
-38.6060, 5.8260

■ 142.8630,
-70.7930, 10.9590

■ 202.0910,
-27.8770, 4.1150

■ 128.0560,
-81.5220, 12.6700

■ 216.8980,
-17.1480, 2.4040

■ 113.8360,
-92.5260, 13.8580

■ 231.1180, -6.1440,
1.2160

■ 99.0290,
-103.2550, 15.5690

■ 245.9250, 4.5850,
-0.4950

■ 92.5170,
-107.5650, 16.5870

■ 253.2900, 4.8150,
-4.6650

Harmonies

Analogous

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



161.9800, -76.3370, -9.7210



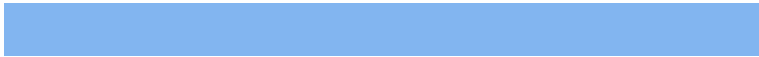
172.4770, -49.3350, 7.5370



179.5740, -15.4550, 21.2890

Triad

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



172.4770, -49.3350, 7.5370



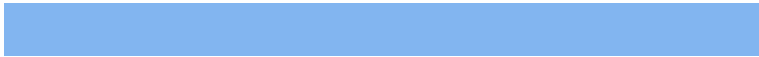
179.4320, 51.9900, 15.9420



167.4740, -20.0310, -27.9590

Complementary

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



172.4770, -49.3350, 7.5370



197.5230, 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.



171.9200, 11.0080, -23.2960



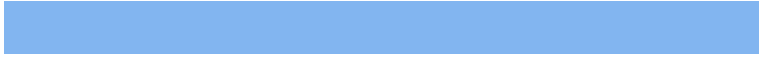
172.4770, -49.3350, 7.5370



178.0920, 49.4710, 1.0150

Square

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



172.4770, -49.3350, 7.5370



181.0090, 40.4800, 26.3040



175.2330, 35.3520, -12.9360



161.5210, -53.7760, -27.6320

Rectangle

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



172.4770, -49.3350, 7.5370



181.7570, 6.1390, 26.4190



175.2330, 35.3520, -12.9360



169.2750, -9.1650, -26.6450

Sweetspot

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



172.4770, -49.3350, 7.5370



233.0830, -16.2310, 2.3050



201.2960, -49.1890, -39.1810



114.3780, -9.8120, 1.6120



0.0000, 0.0000, 0.0000



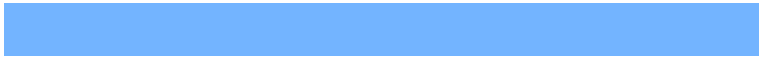
128.0000, -0.0000, -0.0000

Same Dimension

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



172.4770, -49.3350, 7.5370



169.1150, -62.8150, 9.5450



143.7360, -32.9260, 35.0580



112.3030, -5.2270, 1.1170



70.8710, -82.4390, 12.7690



21.6460, -25.1260, 3.8180

Inverse Universe

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



168.7040, 49.1890, 39.1810



164.2700, 62.5750, 49.8950



226.2640, 32.9260, -35.0580



112.1580, 5.5470, 4.0990



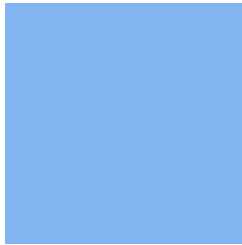
64.7060, 82.3790, 65.4430



19.7080, 25.0300, 19.9580

Previews

White Background



This preview shows how the YIQ color 172.4770, -49.3350, 7.5370 looks on a white background.

Color Contrast Check

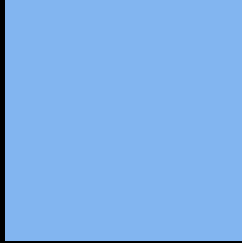
Large Text (above 18pt) WCAG AA × Fail

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 172.4770, -49.3350, 7.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

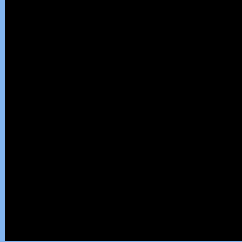
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

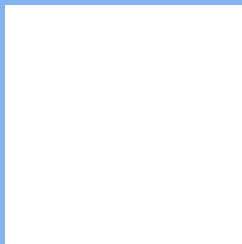
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 172.4770, -49.3350, 7.5370

Background



This preview shows how black text looks on a background with the YIQ color 172.4770, -49.3350, 7.5370.



This preview shows how white text looks on a background with the YIQ color 172.4770, -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

172.4770, -49.3350, 7.5370

Protanopia

176.7680, -27.9250, 16.0030

Deuteranopia

176.5550, -31.6390, 17.2330



Tritanopia

169.0790, -45.9390, -9.9630

Trichromacy



Original Color

172.4770, -49.3350, 7.5370

Protanomaly

175.4680, -35.9480, 12.7240

Deuteranomaly

175.3260, -38.4240, 13.5440

Tritanomaly

169.9960, -46.9030, -3.5030

Monochromacy



Original Color

172.4770, -49.3350, 7.5370

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.1260, -17.7900, 3.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.4770, -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(130, 181, 240)` looks like.

```
.text, #text, p{  
    color:rgb(130, 181, 240)  
}
```

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(130, 181, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 181, 240) }
```

Border

The CSS property to change the border of an element to YIQ 172.4770, -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(130, 181, 240) }
```


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

```
.border{ border-color:rgb(130, 181, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 181, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(130, 181,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 172.4770, -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(130, 181, 240) }
```

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

```
.background{ background-color: rgb(130,  
181, 240) }
```

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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