

Converting Colors

YIQ(172.1040, -47.0870,
-0.1670)

Have a look what the booklet for
YIQ(172.1040, -47.0870, -0.1670)
contains.

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Color

**YIQ(172.1040, -47.0870,
-0.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB9E0
RGB	127, 185, 224
RGB Percent	50%, 73%, 88%
CMY	0.5021, 0.2744, 0.1218
CMYK	0.43, 0.17, 0.00, 0.12
HSL	204°, 61%, 69%
HSV	204°, 43%, 88%
XYZ	39.5492, 44.5968, 77.0052
YIQ	172.1040, -47.0870, -0.1670

Conversions

Conversions Part 2

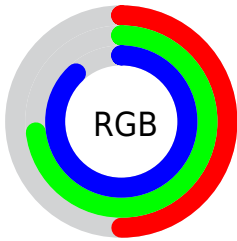
Format	Color
RYB	127, 163, 224
Decimal	8370656
CIELab	72.63, -8.73, -25.39
CIELCh	73, 26.845, 251.033
Yxy	44.5968, 0.2454, 0.2767
Android (android.graphics.Color)	4286560736 (0xFF7FB9E0)
YUV	172.1040, 25.5847, -39.5562
Hunter-Lab	66.7808, -11.1545, -21.6210

Details

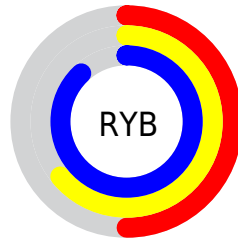
The YIQ color $172.1040, -47.0870, -0.1670$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $178.8960, 47.0870, 0.1670$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.2540, -39.0620, -7.9420$, and $117.9790, -48.2330, -1.4250$ is the 20% darker color. If you saturate the color by 10%, you get $160.2430, -57.7240, -0.1240$, and if you desaturate by 10%, it is $183.9650, -36.4500, -0.2100$.

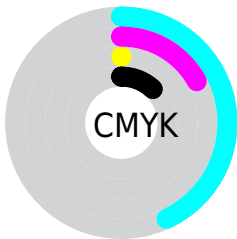
Distribution



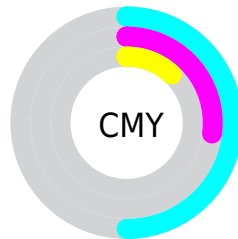
- Red (50%)
- Green (73%)
- Blue (88%)



- Red (50%)
- Yellow (64%)
- Blue (88%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.1040, -47.0870, -0.1670 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 172.1040, -47.0870, -0.1670 by changing the saturation by 10% instead.

■ 172.1040,
-47.0870, -0.1670

■ 172.1040,
-47.0870, -0.1670

■ 255.0000, -0.0000,
-0.0000

■ 144.6910,
-47.3620, -0.6900

■ 225.2540,
-39.0620, -7.9420

■ 117.9790,
-48.2330, -1.4250

■ 242.1430,
-25.6280, -9.1160

■ 91.2560, -50.5710,
-3.1070

■ 251.1130, -7.7480,
-2.7560

■ 61.9450, -60.0610,
-7.3330

■ 45.7080, -46.0320,
-2.7680

■ 30.0580, -32.2780,
1.2740

■ 15.8100, -19.7160,

4.8920

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 172.1040,
-47.0870, -0.1670

■ 172.1040,
-47.0870, -0.1670

■ 160.2430,
-57.7240, -0.1240

■ 183.9650,
-36.4500, -0.2100

■ 148.0830,
-68.9570, -0.2930

■ 196.1250,
-25.2170, -0.0410

■ 136.2220,
-79.5940, -0.2500

■ 207.9860,
-14.5800, -0.0840

■ 124.0620,
-90.8270, -0.4190

■ 220.1460, -3.3470,
0.0850

■ 112.2010,
-101.4640, -0.3760

■ 232.0070, 7.2900,
0.0420

■ 104.1940,
-108.7540, -0.4180

■ 242.0740, 14.3510,
-1.2730

■ 247.3570, 11.8760,
-5.9800

■ 251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



167.1640, -56.4840, -11.5880



172.1040, -47.0870, -0.1670



177.8020, -25.2650, 11.8470

Triad

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



172.1040, -47.0870, -0.1670



181.4720, 37.3180, 17.5260



172.7970, -1.6470, -19.7190

Complementary

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



172.1040, -47.0870, -0.1670



178.8960, 47.0870, 0.1670

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.



176.3930, 20.2220, -14.0660



172.1040, -47.0870, -0.1670



180.3010, 41.8130, 7.6450

Square

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



172.1040, -47.0870, -0.1670



182.2070, 22.1870, 21.9230



178.2150, 35.7630, -3.8610



169.9390, -25.5340, -21.8380

Rectangle

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



172.1040, -47.0870, -0.1670



180.7610, -8.8520, 17.2600



178.2150, 35.7630, -3.8610



174.0430, 6.4680, -18.1080

Sweetspot

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



172.1040, -47.0870, -0.1670



237.5020, -16.0930, -0.1970



188.3850, -39.1940, -38.6020



116.4380, -10.0410, 0.2550



0.0000, 0.0000, 0.0000



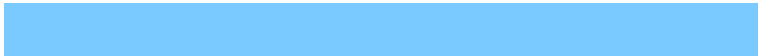
128.0000, -0.0000, -0.0000

Same Dimension

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



172.1040, -47.0870, -0.1670



184.1220, -64.6930, -0.4770



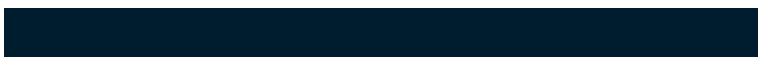
143.9280, -33.8870, 24.9370



106.3630, -5.4560, -0.2400



81.6990, -85.3710, -0.1790



22.4950, -23.3830, -0.2390

Inverse Universe

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



162.6150, 39.1940, 38.6020



170.8870, 53.5880, 53.0760



207.0720, 33.8870, -24.9370



105.0870, 4.3090, 4.5090



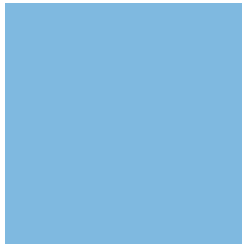
64.5940, 71.1910, 69.9670



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 172.1040, -47.0870, -0.1670 looks on a white background.

Color Contrast Check

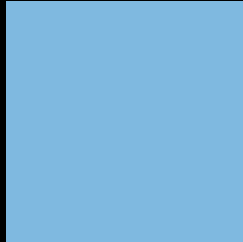
Large Text (above 18pt) WCAG AA × Fail

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 172.1040, -47.0870, -0.1670 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 172.1040, -47.0870, -0.1670

Background



This preview shows how black text looks on a background with the YIQ color 172.1040, -47.0870, -0.1670.



This preview shows how white text looks on a background with the YIQ color 172.1040, -47.0870, -0.1670.

-0.1670.

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

172.1040, -47.0870, -0.1670

Protanopia

178.2820, -17.9290, 11.0550

Deuteranopia

178.4330, -19.6720, 15.1120



Tritanopia

170.3780, -45.3430, -9.7510

Trichromacy



Original Color

172.1040, -47.0870, -0.1670

Protanomaly

175.9000, -28.6570, 7.2390

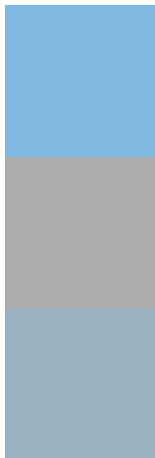
Deuteranomaly

176.1820, -29.3910, 9.5290

Tritanomaly

171.1870, -46.1230, -6.6270

Monochromacy



Original Color

172.1040, -47.0870, -0.1670

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3170, -17.0100, -0.0980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.1040, -47.0870, -0.1670 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(127, 185, 224)` looks like.

```
.text, #text, p{  
    color:rgb(127, 185, 224)  
}
```

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(127, 185, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 185, 224) }
```

Border

The CSS property to change the border of an element to YIQ 172.1040, -47.0870, -0.1670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

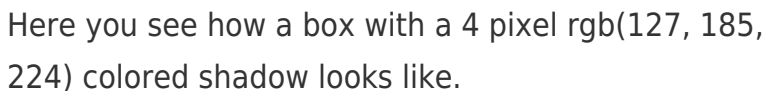
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 185, 224) }
```


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

```
.border{ border-color:rgb(127, 185, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 185, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 185, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 185, 224);  
box-shadow:4px 4px 4px 4px rgb(127, 185,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 172.1040, -47.0870, -0.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 185, 224) }
```

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

```
.background{ background-color: rgb(127,  
185, 224) }
```

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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