

Converting Colors

YIQ(179.7030, -47.6360,
-6.7400)

Have a look what the booklet for
YIQ(179.7030, -47.6360, -6.7400)
contains.

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Color

**YIQ(179.7030, -47.6360,
-6.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	82C5DD
RGB	130, 197, 221
RGB Percent	51%, 77%, 87%
CMY	0.4903, 0.2273, 0.1335
CMYK	0.41, 0.11, 0.00, 0.13
HSL	196°, 57%, 69%
HSV	196°, 41%, 87%
XYZ	42.2170, 49.9059, 75.7774
YIQ	179.7030, -47.6360, -6.7400

Conversions

Conversions Part 2

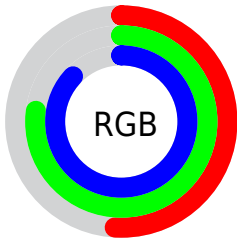
Format	Color
RYB	130, 169, 221
Decimal	8570333
CIELab	76.01, -15.11, -18.60
CIELCh	76, 23.961, 230.910
Yxy	49.9059, 0.2514, 0.2972
Android (android.graphics.Color)	4286760413 (0xFF82C5DD)
YUV	179.7030, 20.3594, -43.5895
Hunter-Lab	70.6441, -16.9553, -14.1474

Details

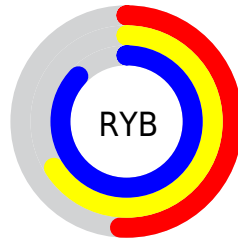
The YIQ color **179.7030, -47.6360, -6.7400** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **171.2970, 47.6360, 6.7400**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.7820, -40.8490, -14.1050**, and **124.9910, -48.5070, -7.4750** is the 20% darker color. If you saturate the color by 10%, you get **169.6030, -59.0980, -8.2660**, and if you desaturate by 10%, it is **189.8030, -36.1740, -5.2140**.

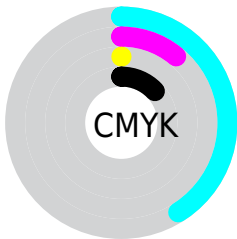
Distribution



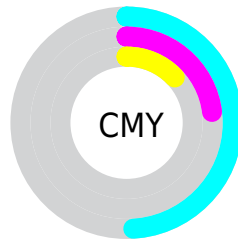
- Red (51%)
- Green (77%)
- Blue (87%)



- Red (51%)
- Yellow (66%)
- Blue (87%)



- Cyan (41%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.7030, -47.6360, -6.7400 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 179.7030, -47.6360, -6.7400 by changing the saturation by 10% instead.

■ 179.7030,
-47.6360, -6.7400

■ 179.7030,
-47.6360, -6.7400

■ 255.0000, -0.0000,
-0.0000

■ 152.2900,
-47.9110, -7.2630

■ 233.7820,
-40.8490, -14.1050

■ 124.9910,
-48.5070, -7.4750

■ 243.0400,
-23.8400, -8.4800

■ 98.5670, -50.2490,
-8.9450

■ 252.0100, -5.9600,
-2.1200

■ 68.1850, -60.9770,
-12.7610

■ 50.6490, -47.5440,
-8.4080

■ 35.1130, -34.1110,
-4.0550

■ 20.8650, -21.5490,

-0.4370

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 179.7030,
-47.6360, -6.7400

■ 179.7030,
-47.6360, -6.7400

■ 169.6030,
-59.0980, -8.2660

■ 189.8030,
-36.1740, -5.2140

■ 159.5030,
-70.5600, -9.7920

■ 199.9030,
-24.7120, -3.6880

■ 149.9900,
-82.2970, -11.8410

■ 209.4160,
-12.9750, -1.6390

■ 139.8900,
-93.7590, -13.3670

■ 219.5160, -1.5130,
-0.1130

■ 129.4910,
-105.8170, -15.1050

■ 229.6160, 9.9490,
1.4130

■ 120.8750,
-115.7660, -16.5180

■ 237.6230, 17.2390,
1.4550

■ 241.1450, 15.5890,
-1.6830

■ 244.0800, 14.2140,
-4.2980

■ 247.6020, 12.5640,
-7.4360

Harmonies

Analogous

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



178.1020, -44.7460, -15.0660



179.7030, -47.6360, -6.7400



183.8990, -36.0840, 4.1720

Triad

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



179.7030, -47.6360, -6.7400



191.0670, 25.3970, 18.8130



184.9730, 12.6570, -14.6310

Complementary

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



179.7030, -47.6360, -6.7400



171.2970, 47.6360, 6.7400

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.



187.2140, 28.3360, -6.9280



179.7030, -47.6360, -6.7400



190.3530, 36.0350, 13.2430

Square

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



179.7030, -47.6360, -6.7400



190.9000, 6.8740, 18.6020



189.3280, 37.1830, 3.4470



181.6160, -8.3870, -18.7150

Rectangle

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



179.7030, -47.6360, -6.7400



187.5310, -23.0640, 10.5040



189.3280, 37.1830, 3.4470



185.9630, 18.6170, -12.5110

Sweetspot

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



179.7030, -47.6360, -6.7400



241.0350, -16.2760, -2.3880



186.0390, -32.4080, -40.4400



119.6830, -9.3530, -1.2010



0.0000, 0.0000, 0.0000



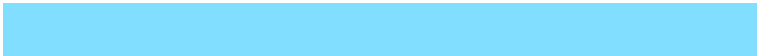
128.0000, -0.0000, -0.0000

Same Dimension

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



179.7030, -47.6360, -6.7400



198.2540, -65.4250, -9.2410



153.8750, -35.5360, 16.2720



104.9500, -5.7310, -0.7630



94.8580, -90.7330, -13.1410



25.2020, -24.1160, -3.4760

Inverse Universe

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



164.8470, 32.7290, 40.1290



177.8630, 44.9680, 55.1120



197.1250, 35.5360, -16.2720



103.2010, 3.9880, 4.8200



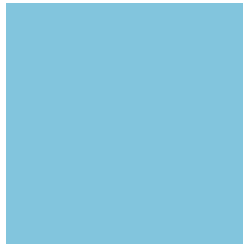
66.3190, 62.0200, 76.4840



17.6300, 16.5020, 20.3260

Previews

White Background



This preview shows how the YIQ color 179.7030, -47.6360, -6.7400 looks on a white background.

Color Contrast Check

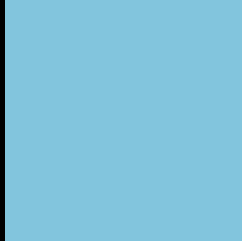
Large Text (above 18pt) WCAG AA × Fail

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 179.7030, -47.6360, -6.7400 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 179.7030, -47.6360, -6.7400

Background



This preview shows how black text looks on a background with the YIQ color 179.7030, -47.6360, -6.7400.



This preview shows how white text looks on a background with the YIQ color 179.7030, -47.6360, -6.7400.

-6.7400.

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

179.7030, -47.6360, -6.7400

Protanopia

187.2950, -10.7760, 8.0720

Deuteranopia

187.9840, -11.0980, 13.9100



Tritanopia

178.8940, -46.8560, -9.8640

Trichromacy



Original Color

179.7030, -47.6360, -6.7400

Protanomaly

184.3040, -24.1630, 2.8850

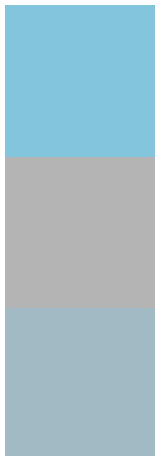
Deuteranomaly

184.8250, -24.0720, 6.7440

Tritanomaly

179.5350, -47.2230, -8.7190

Monochromacy



Original Color

179.7030, -47.6360, -6.7400

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8500, -17.1930, -2.2890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.7030, -47.6360, -6.7400 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, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(130, 197, 221)  
}
```

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, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 197, 221) }
```

Border

The CSS property to change the border of an element to YIQ 179.7030, -47.6360, -6.7400 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, 197, 221) }
```


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

```
.border{ border-color:rgb(130, 197, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 197, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(130, 197,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 179.7030, -47.6360, -6.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 197, 221) }
```

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

```
.background{ background-color: rgb(130,  
197, 221) }
```

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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