

Converting Colors

YIQ(187.4910, -43.9230,
-2.4430)

Have a look what the booklet for
YIQ(187.4910, -43.9230, -2.4430)
contains.

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Color

**YIQ(187.4910, -43.9230,
-2.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	90C9E8
RGB	144, 201, 232
RGB Percent	56%, 79%, 91%
CMY	0.4354, 0.2117, 0.0904
CMYK	0.38, 0.13, 0.00, 0.09
HSL	201°, 66%, 74%
HSV	201°, 38%, 91%
XYZ	46.9470, 53.5344, 84.1651
YIQ	187.4910, -43.9230, -2.4430

Conversions

Conversions Part 2

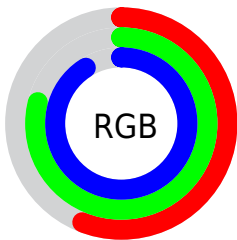
Format	Color
RYB	144, 179, 232
Decimal	9488872
CIELab	78.19, -10.75, -21.15
CIElCh	78, 23.729, 243.061
Yxy	53.5344, 0.2543, 0.2899
Android (android.graphics.Color)	4287678952 (0xFF90C9E8)
YUV	187.4910, 21.9429, -38.1416
Hunter-Lab	73.1672, -13.5101, -16.9849

Details

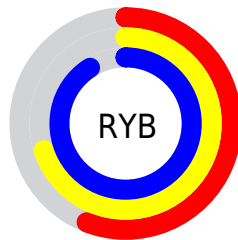
The YIQ color **187.4910, -43.9230, -2.4430** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.5090, 43.9230, 2.4430**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.5550, -32.7800, -11.6600**, and **132.9640, -43.8770, -3.2770** is the 20% darker color. If you saturate the color by 10%, you get **175.9180, -55.4310, -3.1350**, and if you desaturate by 10%, it is **199.0640, -32.4150, -1.7510**.

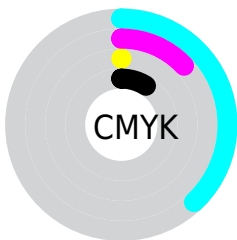
Distribution



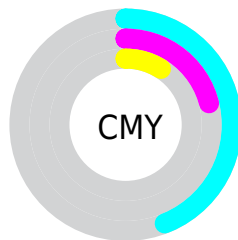
- Red (56%)
- Green (79%)
- Blue (91%)



- Red (56%)
- Yellow (70%)
- Blue (91%)



- Cyan (38%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4910, -43.9230, -2.4430 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 187.4910, -43.9230, -2.4430 by changing the saturation by 10% instead.

■ 187.4910,
-43.9230, -2.4430

■ 187.4910,
-43.9230, -2.4430

■ 255.0000, -0.0000,
-0.0000

■ 160.0780,
-44.1980, -2.9660

■ 238.5550,
-32.7800, -11.6600

■ 132.9640,
-43.8770, -3.2770

■ 247.2260,
-15.4960, -5.5120

■ 106.6650,
-44.4730, -3.4890

■ 79.7570, -47.7280,
-5.0720

■ 54.1370, -51.8540,
-7.3900

■ 37.9000, -37.8250,
-2.8250

■ 22.9510, -24.6670,

1.0050

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 187.4910,
-43.9230, -2.4430

■ 187.4910,
-43.9230, -2.4430

■ 175.9180,
-55.4310, -3.1350

■ 199.0640,
-32.4150, -1.7510

■ 164.3450,
-66.9390, -3.8270

■ 210.6370,
-20.9070, -1.0590

■ 152.4730,
-79.0430, -4.7310

■ 222.5090, -8.8030,
-0.1550

■ 140.3130,
-90.2760, -4.9000

■ 234.6690, 2.4300,
0.0140

■ 128.7400,
-101.7840, -5.5920

■ 244.7470, 10.9580,
-0.3540

■ 117.1670,
-113.2920, -6.2840

■ 249.4430, 8.7580,
-4.5380

■ 114.4980,
-115.7220, -6.2980

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



184.5410, -47.3600, -11.7440



187.4910, -43.9230, -2.4430



192.3130, -28.3820, 7.7620

Triad

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



187.4910, -43.9230, -2.4430



197.2370, 30.6700, 16.8620



189.6130, 4.8630, -16.5530

Complementary

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



187.4910, -43.9230, -2.4430



188.5090, 43.9230, 2.4430

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.



192.4690, 23.0640, -10.5040



187.4910, -43.9230, -2.4430



196.2020, 37.7780, 9.1860

Square

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



187.4910, -43.9230, -2.4430



197.6190, 15.0350, 19.3790



194.1380, 34.6620, -0.4260



187.0110, -16.8690, -19.1810

Rectangle

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



187.4910, -43.9230, -2.4430



194.4290, -13.8490, 14.2070



194.1380, 34.6620, -0.4260



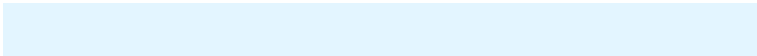
190.4890, 11.1440, -14.7440

Sweetspot

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



187.4910, -43.9230, -2.4430



240.7580, -13.9380, -0.7060



199.1900, -34.1510, -36.3830



119.3950, -8.4820, -0.4660



0.0000, 0.0000, 0.0000



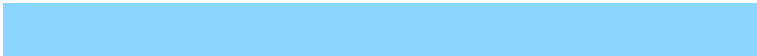
128.0000, -0.0000, -0.0000

Same Dimension

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



187.4910, -43.9230, -2.4430



195.9500, -58.4570, -3.3610



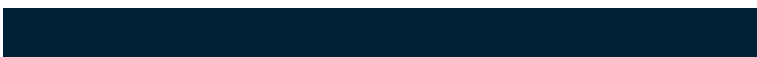
161.6630, -31.8230, 20.5690



109.0640, -6.0520, -0.4520



88.4980, -89.3590, -4.9990



25.1850, -25.4460, -1.3980

Inverse Universe

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



176.8100, 34.1510, 36.3830



181.6470, 45.3360, 48.4400



214.3370, 31.8230, -20.5690



107.5000, 4.5840, 5.0320



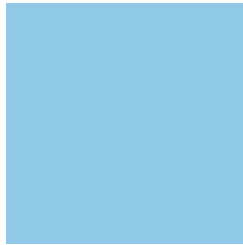
66.7450, 69.4480, 74.0240



19.0110, 19.8030, 21.0750

Previews

White Background



This preview shows how the YIQ color 187.4910, -43.9230, -2.4430 looks on a white background.

Color Contrast Check

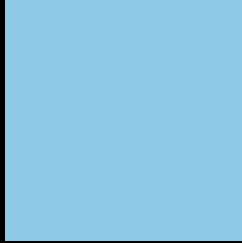
Large Text (above 18pt) WCAG AA × Fail

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 187.4910, -43.9230, -2.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

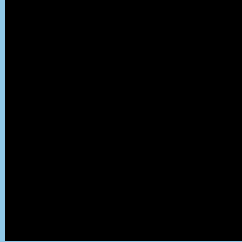
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.4910, -43.9230, -2.4430

Background



This preview shows how black text looks on a background with the YIQ color 187.4910, -43.9230, -2.4430.



This preview shows how white text looks on a background with the YIQ color 187.4910, -43.9230,

-2.4430.

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

187.4910, -43.9230, -2.4430

Protanopia

193.3810, -13.8940, 9.5140

Deuteranopia

194.5430, -14.1700, 14.5180



Tritanopia

186.2860, -42.0880, -8.1680

Trichromacy



Original Color

187.4910, -43.9230, -2.4430

Protanomaly

191.5860, -24.8970, 5.1750

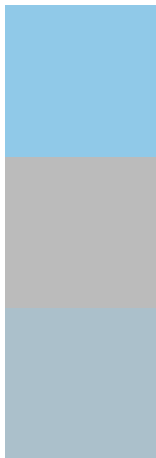
Deuteranomaly

191.6940, -25.0810, 8.5110

Tritanomaly

186.5680, -42.8220, -5.8780

Monochromacy



Original Color

187.4910, -43.9230, -2.4430

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9750, -16.0470, -1.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4910, -43.9230, -2.4430 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(144, 201, 232)` looks like.

```
.text, #text, p{  
    color:rgb(144, 201, 232)  
}
```

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(144, 201, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 201, 232) }
```

Border

The CSS property to change the border of an element to YIQ 187.4910, -43.9230, -2.4430 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(144, 201, 232) }
```


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

```
.border{ border-color:rgb(144, 201, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 201, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 201, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 201, 232);  
box-shadow:4px 4px 4px 4px rgb(144, 201,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4910, -43.9230, -2.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 201, 232) }
```

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

```
.background{ background-color: rgb(144,  
201, 232) }
```

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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