

Converting Colors

YIQ(183.2240, -47.5450,
-2.8810)

Have a look what the booklet for
YIQ(183.2240, -47.5450, -2.8810)
contains.

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Color

**YIQ(183.2240, -47.5450,
-2.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	88C6E7
RGB	136, 198, 231
RGB Percent	53%, 78%, 91%
CMY	0.4668, 0.2234, 0.0943
CMYK	0.41, 0.14, 0.00, 0.09
HSL	201°, 66%, 72%
HSV	201°, 41%, 91%
XYZ	44.7642, 51.3981, 83.1223
YIQ	183.2240, -47.5450, -2.8810

Conversions

Conversions Part 2

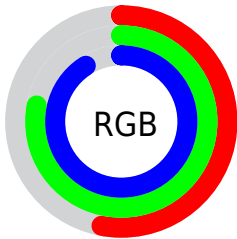
Format	Color
R _Y B	136, 174, 231
Decimal	8963815
CIE Lab	76.92, -11.50, -22.58
CIE LCh	77, 25.342, 243.015
Yxy	51.3981, 0.2497, 0.2867
Android (android.graphics.Color)	4287153895 (0xFF88C6E7)
YUV	183.2240, 23.5536, -41.4154
Hunter-Lab	71.6925, -14.0077, -18.5579

Details

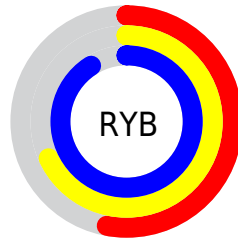
The YIQ color **183.2240, -47.5450, -2.8810** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **183.7760, 47.5450, 2.8810**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.4620, -36.9520, -13.1440**, and **128.3980, -48.0950, -3.9270** is the 20% darker color. If you saturate the color by 10%, you get **171.6510, -59.0530, -3.5730**, and if you desaturate by 10%, it is **194.7970, -36.0370, -2.1890**.

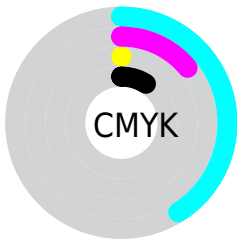
Distribution



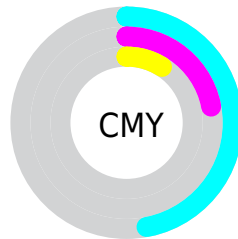
- Red (53%)
- Green (78%)
- Blue (91%)



- Red (53%)
- Yellow (68%)
- Blue (91%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.2240, -47.5450, -2.8810 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 183.2240, -47.5450, -2.8810 by changing the saturation by 10% instead.

■ 183.2240,
-47.5450, -2.8810

■ 183.2240,
-47.5450, -2.8810

■ 255.0000, -0.0000,
-0.0000

■ 155.8110,
-47.8200, -3.4040

■ 236.4620,
-36.9520, -13.1440

■ 128.3980,
-48.0950, -3.9270

■ 245.1330,
-19.6680, -6.9960

■ 102.0880,
-50.1580, -5.0860

■ 253.8040, -2.3840,
-0.8480

■ 73.3860, -56.9890,
-7.9410

■ 52.2620, -50.7080,
-6.1320

■ 36.6120, -36.9540,
-2.0900

■ 22.2500, -24.0710,

1.2170

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 183.2240,
-47.5450, -2.8810

■ 183.2240,
-47.5450, -2.8810

■ 171.6510,
-59.0530, -3.5730

■ 194.7970,
-36.0370, -2.1890

■ 160.0780,
-70.5610, -4.2650

■ 206.3700,
-24.5290, -1.4970

■ 148.5050,
-82.0690, -4.9570

■ 217.9430,
-13.0210, -0.8050

■ 136.9320,
-93.5770, -5.6490

■ 229.5160, -1.5130,
-0.1130

■ 125.0600,
-105.6810, -6.5530

■ 241.0890, 9.9950,
0.5790

■ 114.9710,
-115.6760, -7.1320

■ 246.9810, 10.1790,
-2.7570

■ 251.6770, 7.9790,
-6.9410

■ 252.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



179.8610, -51.2570, -12.7050



183.2240, -47.5450, -2.8810



188.3560, -29.9410, 8.4830

Triad

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



183.2240, -47.5450, -2.8810



193.5470, 32.7330, 18.0210



185.6730, 4.6340, -17.9100

Complementary

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



183.2240, -47.5450, -2.8810



183.7760, 47.5450, 2.8810

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.



188.5400, 24.3020, -10.9140



183.2240, -47.5450, -2.8810



192.3980, 40.1620, 10.0340

Square

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



183.2240, -47.5450, -2.8810



193.8580, 15.8600, 20.9480



190.5080, 36.4960, -0.6240



182.8860, -18.0150, -20.4390

Rectangle

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



183.2240, -47.5450, -2.8810



191.3580, -15.0870, 14.6170



190.5080, 36.4960, -0.6240



186.7340, 11.8320, -16.2000

Sweetspot

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



183.2240, -47.5450, -2.8810



239.2740, -15.4510, -0.8190



195.4130, -36.3970, -39.7330



118.5090, -8.8030, -0.1550



0.0000, 0.0000, 0.0000



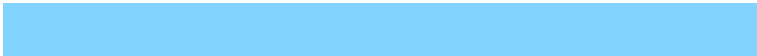
128.0000, -0.0000, -0.0000

Same Dimension

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



183.2240, -47.5450, -2.8810



192.3840, -62.6750, -4.0110



156.2220, -34.8950, 21.1770



109.0640, -6.0520, -0.4520



89.0850, -89.6340, -5.5220



25.1850, -25.4460, -1.3980

Inverse Universe

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



171.4730, 36.7180, 39.4220



176.7230, 48.1780, 52.0020



210.7780, 34.8950, -21.1770



107.5000, 4.5840, 5.0320



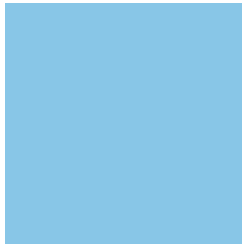
66.8590, 69.1270, 74.3350



19.0110, 19.8030, 21.0750

Previews

White Background



This preview shows how the YIQ color 183.2240, -47.5450, -2.8810 looks on a white background.

Color Contrast Check

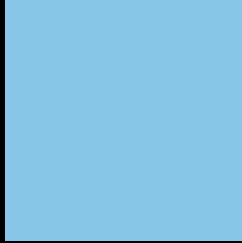
Large Text (above 18pt) WCAG AA × Fail

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 183.2240, -47.5450, -2.8810 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 183.2240, -47.5450, -2.8810

Background



This preview shows how black text looks on a background with the YIQ color 183.2240, -47.5450, -2.8810.



This preview shows how white text looks on a background with the YIQ color 183.2240, -47.5450, -2.8810.

-2.8810.

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

183.2240, -47.5450, -2.8810

Protanopia

189.7230, -14.8570, 10.4470

Deuteranopia

190.5860, -15.7290, 15.2390



Tritanopia

181.6060, -45.9850, -9.1290

Trichromacy



Original Color

183.2240, -47.5450, -2.8810

Protanomaly

187.3300, -27.0520, 5.6840

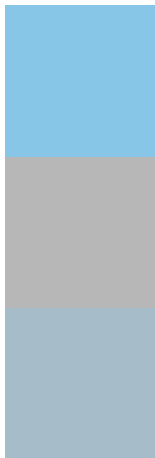
Deuteranomaly

188.0250, -27.5110, 8.4970

Tritanomaly

181.8880, -46.7190, -6.8390

Monochromacy



Original Color

183.2240, -47.5450, -2.8810

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.7900, -16.9640, -0.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.2240, -47.5450, -2.8810 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(136, 198, 231)` looks like.

```
.text, #text, p{  
    color:rgb(136, 198, 231)  
}
```

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(136, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 198, 231) }
```

Border

The CSS property to change the border of an element to YIQ 183.2240, -47.5450, -2.8810 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(136, 198, 231) }
```


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

```
.border{ border-color:rgb(136, 198, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 198, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 198, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 198, 231); box-shadow:4px 4px 4px 4px rgb(136, 198, 231) }
```

Background

The CSS property to change the background color of an element to YIQ 183.2240, -47.5450, -2.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 198, 231) }
```

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

```
.background{ background-color: rgb(136,  
198, 231) }
```

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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