

Converting Colors

YIQ(189.0080, -47.1770,
-9.5530)

Have a look what the booklet for
YIQ(189.0080, -47.1770, -9.5530)
contains.

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Color

**YIQ(189.0080, -47.1770,
-9.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD0E1
RGB	138, 208, 225
RGB Percent	54%, 82%, 88%
CMY	0.4590, 0.1842, 0.1178
CMYK	0.39, 0.08, 0.00, 0.12
HSL	192°, 59%, 71%
HSV	192°, 39%, 88%
XYZ	46.6213, 55.9595, 79.5417
YIQ	189.0080, -47.1770, -9.5530

Conversions

Conversions Part 2

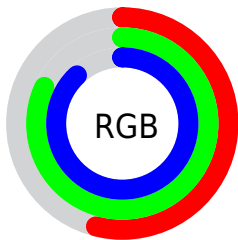
Format	Color
RYB	138, 177, 225
Decimal	9097441
CIELab	79.59, -17.71, -15.31
CIELCh	80, 23.410, 220.856
Yxy	55.9595, 0.2560, 0.3073
Android (android.graphics.Color)	4287287521 (0xFF8AD0E1)
YUV	189.0080, 17.7441, -44.7340
Hunter-Lab	74.8061, -19.6641, -10.6791

Details

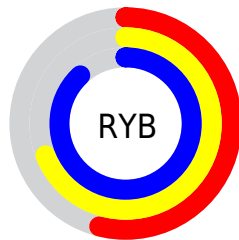
The YIQ color **189.0080, -47.1770, -9.5530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.9920, 47.1770, 9.5530**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.0600, -35.7600, -12.7200**, and **134.5950, -47.4520, -10.0760** is the 20% darker color. If you saturate the color by 10%, you get **179.7830, -59.7850, -12.3370**, and if you desaturate by 10%, it is **197.9340, -35.1650, -6.9810**.

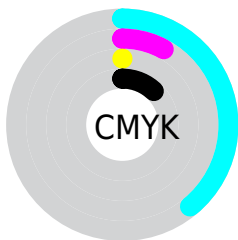
Distribution



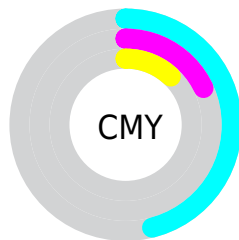
- Red (54%)
- Green (82%)
- Blue (88%)



- Red (54%)
- Yellow (69%)
- Blue (88%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (46%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.0080, -47.1770, -9.5530 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 189.0080, -47.1770, -9.5530 by changing the saturation by 10% instead.

■ 189.0080,
-47.1770, -9.5530

■ 189.0080,
-47.1770, -9.5530

■ 255.0000, -0.0000,
-0.0000

■ 161.0080,
-47.1770, -9.5530

■ 236.7610,
-36.3560, -12.9320

■ 134.5950,
-47.4520, -10.0760

■ 245.4320,
-19.0720, -6.7840

■ 106.9970,
-48.6440, -10.5000

■ 254.4020, -1.1920,
-0.4240

■ 79.3060, -54.0080,
-12.4080

■ 56.3880, -51.3030,
-11.8710

■ 40.1510, -37.2740,
-7.3060

■ 25.3160, -24.4370,

-3.1650

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 189.0080,
-47.1770, -9.5530

■ 189.0080,
-47.1770, -9.5530

■ 179.7830,
-59.7850, -12.3370

■ 197.9340,
-35.1650, -6.9810

■ 170.2700,
-71.5220, -14.3860

■ 207.7460,
-22.8320, -4.7200

■ 161.0450,
-84.1300, -17.1700

■ 216.6720,
-10.8200, -2.1480

■ 152.1190,
-96.1420, -19.7420

■ 226.4840, 1.5130,
0.1130

■ 142.3070,
-108.4750, -22.0030

■ 235.4100, 13.5250,
2.6850

■ 133.3810,
-120.4870, -24.5750

■ 239.2530, 15.4050,
1.6530

■ 131.8970,
-122.0000, -24.6880

■ 242.1880, 14.0300,
-0.9620

■ 244.5360, 12.9300,
-3.0540

■ 246.8840, 11.8300,
-5.1460

Harmonies

Analogous

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



188.5000, -40.1150, -16.3950



189.0080, -47.1770, -9.5530



192.6380, -39.8430, 0.7090

Triad

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



189.0080, -47.1770, -9.5530



200.9570, 19.8950, 19.4070



195.3760, 18.8920, -11.9880

Complementary

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



189.0080, -47.1770, -9.5530



173.9920, 47.1770, 9.5530

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.



197.8880, 32.3700, -2.9420



189.0080, -47.1770, -9.5530



200.8520, 33.1920, 15.2080

Square

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



189.0080, -47.1770, -9.5530



200.2520, -0.0490, 17.4150



199.7350, 37.5950, 6.9950



193.1500, -1.1430, -17.8390

Rectangle

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



189.0080, -47.1770, -9.5530



195.9000, -28.6570, 7.2390



199.7350, 37.5950, 6.9950



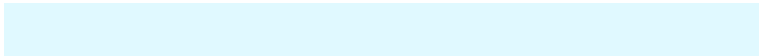
196.2950, 23.6140, -9.4580

Sweetspot

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



189.0080, -47.1770, -9.5530



242.2090, -16.8260, -3.4340



190.8930, -29.0610, -40.5250



120.2700, -9.6280, -1.7240



0.0000, 0.0000, 0.0000



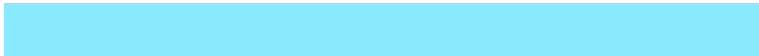
128.0000, -0.0000, -0.0000

Same Dimension

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



189.0080, -47.1770, -9.5530



206.5160, -63.4070, -12.7750



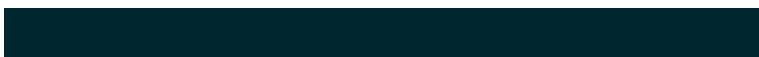
164.3540, -35.6270, 12.4130



107.5370, -6.0060, -1.2860



103.4180, -95.5460, -19.5300



28.3650, -26.1330, -5.4690

Inverse Universe

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



171.9930, 29.3820, 40.2140



183.6990, 39.5580, 54.0380



198.6460, 35.6270, -12.4130



105.3150, 3.6670, 5.1310



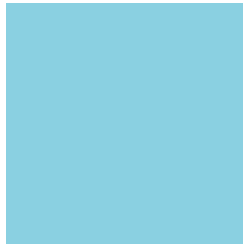
68.8120, 59.3140, 81.4740



18.7980, 16.0890, 22.3050

Previews

White Background



This preview shows how the YIQ color 189.0080, -47.1770, -9.5530 looks on a white background.

Color Contrast Check

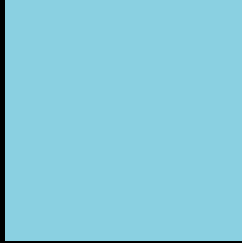
Large Text (above 18pt) WCAG AA × Fail

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 189.0080, -47.1770, -9.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

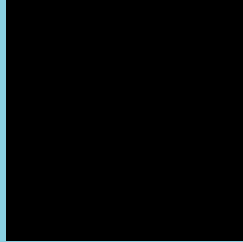
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.0080, -47.1770, -9.5530

Background



This preview shows how black text looks on a background with the YIQ color 189.0080, -47.1770, -9.5530.



This preview shows how white text looks on a background with the YIQ color 189.0080, -47.1770, -9.5530.

-9.5530.

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

189.0080, -47.1770, -9.5530

Protanopia

197.2090, -7.6580, 6.6300

Deuteranopia

198.4960, -6.7880, 12.8920



Tritanopia

189.0080, -47.1770, -9.5530

Trichromacy



Original Color

189.0080, -47.1770, -9.5530

Protanomaly

194.5060, -21.9160, 0.7080

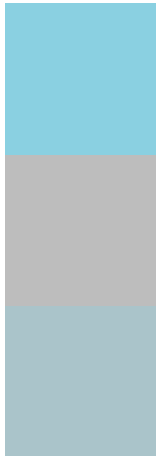
Deuteranomaly

195.0270, -21.8250, 4.5670

Tritanomaly

189.0080, -47.1770, -9.5530

Monochromacy



Original Color

189.0080, -47.1770, -9.5530

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.9100, -17.4220, -3.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.0080, -47.1770, -9.5530 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(138, 208, 225)` looks like.

```
.text, #text, p{  
    color:rgb(138, 208, 225)  
}
```

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(138, 208, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 208, 225) }
```

Border

The CSS property to change the border of an element to YIQ 189.0080, -47.1770, -9.5530 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(138, 208, 225) }
```


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

```
.border{ border-color:rgb(138, 208, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 208, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 208, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 208, 225);  
box-shadow:4px 4px 4px 4px rgb(138, 208,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 189.0080, -47.1770, -9.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 208, 225) }
```

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

```
.background{ background-color: rgb(138,  
208, 225) }
```

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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