

Converting Colors

YIQ(189.3280, -41.9060,
-0.4500)

Have a look what the booklet for
YIQ(189.3280, -41.9060, -0.4500)
contains.

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Color

**YIQ(189.3280, -41.9060,
-0.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	95C9EB
RGB	149, 201, 235
RGB Percent	58%, 79%, 92%
CMY	0.4158, 0.2117, 0.0786
CMYK	0.37, 0.14, 0.00, 0.08
HSL	204°, 68%, 75%
HSV	204°, 37%, 92%
XYZ	48.2697, 54.1659, 86.4710
YIQ	189.3280, -41.9060, -0.4500

Conversions

Conversions Part 2

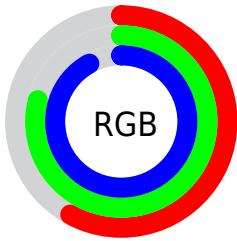
Format	Color
R _Y B	149, 181, 235
Decimal	9816555
CIE Lab	78.56, -8.66, -22.18
CIE LCh	79, 23.811, 248.666
Yxy	54.1659, 0.2555, 0.2867
Android (android.graphics.Color)	4288006635 (0xFF95C9EB)
YUV	189.3280, 22.5163, -35.3677
Hunter-Lab	73.5975, -11.7245, -18.1426

Details

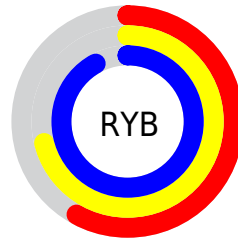
The YIQ color $189.3280, -41.9060, -0.4500$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $194.6720, 41.9060, 0.4500$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.0500, -29.8000, -10.6000$, and $134.8010, -41.8600, -1.2840$ is the 20% darker color. If you saturate the color by 10%, you get $176.8690, -53.7350, -0.8310$, and if you desaturate by 10%, it is $201.4880, -30.6730, -0.2810$.

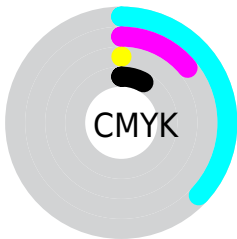
Distribution



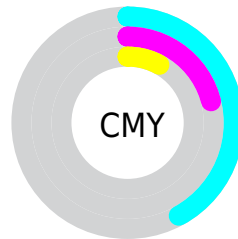
- Red (58%)
- Green (79%)
- Blue (92%)



- Red (58%)
- Yellow (71%)
- Blue (92%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.3280, -41.9060, -0.4500 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 189.3280, -41.9060, -0.4500 by changing the saturation by 10% instead.

■ 189.3280,
-41.9060, -0.4500

■ 189.3280,
-41.9060, -0.4500

■ 255.0000, -0.0000,
-0.0000

■ 162.2140,
-41.5850, -0.7610

■ 240.0500,
-29.8000, -10.6000

■ 134.8010,
-41.8600, -1.2840

■ 248.7210,
-12.5160, -4.4520

■ 108.3880,
-42.1350, -1.8070

■ 82.6650, -44.4730,
-3.4890

■ 54.3650, -52.4960,
-6.7680

■ 38.1280, -38.4670,
-2.2030

■ 23.7660, -25.5840,

1.1040

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 189.3280,
-41.9060, -0.4500

■ 189.3280,
-41.9060, -0.4500

■ 176.8690,
-53.7350, -0.8310

■ 201.4880,
-30.6730, -0.2810

■ 164.1220,
-64.6930, -0.4770

■ 214.5340,
-19.1190, -0.4230

■ 151.6630,
-76.5220, -0.8580

■ 226.6940, -7.8860,
-0.2540

■ 139.5030,
-87.7550, -1.0270

■ 239.1530, 3.9430,
0.1270

■ 127.3430,
-98.9880, -1.1960

■ 248.0240, 8.6200,
-2.0360

■ 114.2970,
-110.5420, -1.0540

■ 252.7200, 6.4200,
-6.2200

■ 110.1440,
-114.4850, -1.1810

Harmonies

Analogous

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



185.8830, -48.3230, -10.8110



189.3280, -41.9060, -0.4500



193.9330, -24.2560, 10.0800

Triad

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



189.3280, -41.9060, -0.4500



198.0800, 32.5500, 15.8300



189.9330, 0.9660, -17.5140

Complementary

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



189.3280, -41.9060, -0.4500



194.6720, 41.9060, 0.4500

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.



192.9740, 20.0840, -11.5640



189.3280, -41.9060, -0.4500



196.5610, 38.1450, 8.0410

Square

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



189.3280, -41.9060, -0.4500



198.7720, 18.9780, 19.5060



195.1870, 32.9660, -2.7300



187.5590, -21.4080, -19.5200

Rectangle

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



189.3280, -41.9060, -0.4500



196.4080, -9.3560, 15.3800



195.1870, 32.9660, -2.7300



190.6950, 7.5680, -16.0160

Sweetspot

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



189.3280, -41.9060, -0.4500



240.1710, -13.6630, -0.1830



203.2440, -34.2430, -34.7150



118.8080, -8.2070, 0.0570



0.0000, 0.0000, 0.0000



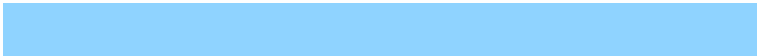
128.0000, -0.0000, -0.0000

Same Dimension

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



189.3280, -41.9060, -0.4500



195.6840, -54.6520, -0.7320



164.6740, -30.3560, 21.5160



111.3630, -5.4560, -0.2400



85.2040, -88.3510, -1.2390



24.9400, -26.1340, 0.0580

Inverse Universe

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



180.6420, 34.5640, 34.4040



184.2400, 44.9240, 44.8920



219.3260, 30.3560, -21.5160



110.0870, 4.3090, 4.5090



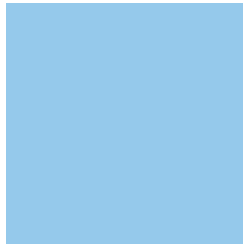
66.6590, 72.5660, 72.5820



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 189.3280, -41.9060, -0.4500 looks on a white background.

Color Contrast Check

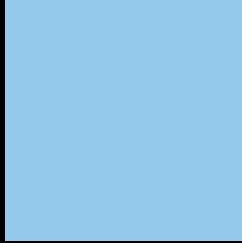
Large Text (above 18pt) WCAG AA × Fail

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 189.3280, -41.9060, -0.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

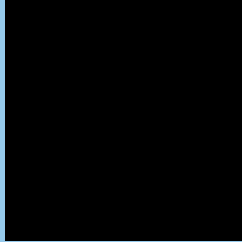
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.3280, -41.9060, -0.4500

Background



This preview shows how black text looks on a background with the YIQ color 189.3280, -41.9060, -0.4500.



This preview shows how white text looks on a background with the YIQ color 189.3280, -41.9060, -0.4500.

-0.4500.

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

189.3280, -41.9060, -0.4500

Protanopia

194.4240, -15.4530, 10.2350

Deuteranopia

195.6570, -14.4910, 14.8290



Tritanopia

188.1830, -40.3000, -7.5320

Trichromacy



Original Color

189.3280, -41.9060, -0.4500

Protanomaly

192.5260, -24.6680, 6.5320

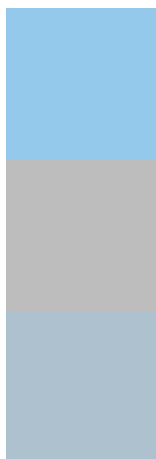
Deuteranomaly

193.4060, -24.2100, 9.2460

Tritanomaly

188.4650, -41.0340, -5.2420

Monochromacy



Original Color

189.3280, -41.9060, -0.4500

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.8010, -15.4970, 0.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3280, -41.9060, -0.4500 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(149, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(149, 201, 235)  
}
```

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(149, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 201, 235) }
```

Border

The CSS property to change the border of an element to YIQ 189.3280, -41.9060, -0.4500 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(149, 201, 235) }
```


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

```
.border{ border-color:rgb(149, 201, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 201, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 201, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 201, 235); box-shadow:4px 4px 4px 4px rgb(149, 201, 235) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3280, -41.9060, -0.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 201, 235) }
```

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

```
.background{ background-color: rgb(149,  
201, 235) }
```

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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