

Converting Colors

YIQ(201.5630, -44.4260,
-9.8500)

Have a look what the booklet for
YIQ(201.5630, -44.4260, -9.8500)
contains.

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Color

**YIQ(201.5630, -44.4260,
-9.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	99DCEA
RGB	153, 220, 234
RGB Percent	60%, 86%, 92%
CMY	0.4001, 0.1371, 0.0825
CMYK	0.35, 0.06, 0.00, 0.08
HSL	190°, 66%, 76%
HSV	190°, 35%, 92%
XYZ	53.5746, 63.9075, 87.3177
YIQ	201.5630, -44.4260, -9.8500

Conversions

Conversions Part 2

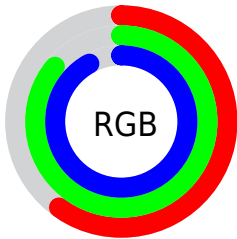
Format	Color
R _{YB}	153, 190, 234
Decimal	10083562
CIE _{Lab}	83.92, -17.65, -13.54
CIE _{LCh}	84, 22.249, 217.491
Yxy	63.9075, 0.2616, 0.3120
Android (android.graphics.Color)	4288273642 (0xFF99DCEA)
YUV	201.5630, 15.9914, -42.5898
Hunter-Lab	79.9422, -20.2740, -8.8006

Details

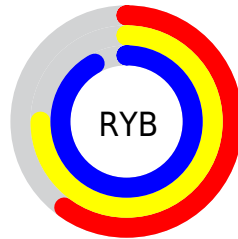
The YIQ color **201.5630, -44.4260, -9.8500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185.4370, 44.4260, 9.8500**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, -26.8200, -9.5400**, and **146.4490, -44.1050, -10.1610** is the 20% darker color. If you saturate the color by 10%, you get **192.3380, -57.0340, -12.6340**, and if you desaturate by 10%, it is **210.7880, -31.8180, -7.0660**.

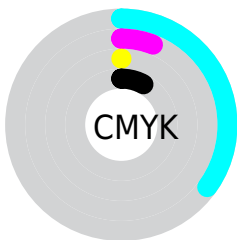
Distribution



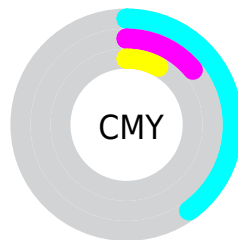
- Red (60%)
- Green (86%)
- Blue (92%)



- Red (60%)
- Yellow (75%)
- Blue (92%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.5630, -44.4260, -9.8500 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 201.5630, -44.4260, -9.8500 by changing the saturation by 10% instead.

■ 201.5630,
-44.4260, -9.8500

■ 201.5630,
-44.4260, -9.8500

■ 255.0000, -0.0000,
-0.0000

■ 173.5630,
-44.4260, -9.8500

■ 241.5450,
-26.8200, -9.5400

■ 146.4490,
-44.1050, -10.1610

■ 250.2160, -9.5360,
-3.3920

■ 119.5630,
-44.4260, -9.8500

■ 93.2530, -46.4890,
-11.0090

■ 63.4690, -56.0250,
-14.4010

■ 46.9330, -42.5920,
-10.0480

■ 30.8100, -28.8840,

-5.1720

■ 17.2630, -16.9180,
-1.7660

■ 0.7980, -2.2470,
2.1770

■ 201.5630,
-44.4260, -9.8500

■ 201.5630,
-44.4260, -9.8500

■ 192.3380,
-57.0340, -12.6340

■ 210.7880,
-31.8180, -7.0660

■ 182.8140,
-70.2380, -15.6300

■ 220.3120,
-18.6140, -4.0700

■ 173.5890,
-82.8460, -18.4140

■ 229.5370, -6.0060,
-1.2860

■ 164.0650,
-96.0500, -21.4100

■ 239.0610, 7.1980,
1.7100

■ 154.8400,
-108.6580, -24.1940

■ 243.8010, 10.8660,
1.3140

■ 145.6150,
-121.2660, -26.9780

■ 246.1490, 9.7660,
-0.7780

■ 140.5540,
-128.4640, -28.6880

■ 248.4970, 8.6660,
-2.8700

■ 250.8450, 7.5660,
-4.9620

■ 252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



200.7670, -36.4930, -15.9570



201.5630, -44.4260, -9.8500



204.8830, -39.1550, -0.7470

Triad

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



201.5630, -44.4260, -9.8500



213.4620, 16.9150, 18.3470



208.2020, 19.4420, -10.9420

Complementary

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



201.5630, -44.4260, -9.8500



185.4370, 44.4260, 9.8500

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.



210.4150, 32.3240, -2.1080



201.5630, -44.4260, -9.8500



212.5960, 31.0370, 15.7170

Square

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



201.5630, -44.4260, -9.8500



212.0560, -2.4330, 16.5670



211.7780, 36.0360, 7.7160



205.7590, 1.5160, -16.4680

Rectangle

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



201.5630, -44.4260, -9.8500



207.7750, -29.8030, 5.9810



211.7780, 36.0360, 7.7160



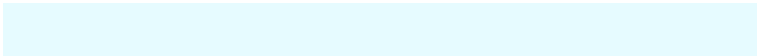
208.5340, 24.4390, -7.8890

Sweetspot

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



201.5630, -44.4260, -9.8500



245.1770, -13.8000, -3.2080



202.0290, -26.4480, -38.3200



121.4550, -8.7110, -1.8230



0.0000, 0.0000, 0.0000



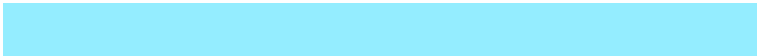
128.0000, -0.0000, -0.0000

Same Dimension

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



201.5630, -44.4260, -9.8500



212.4410, -58.8220, -13.2700



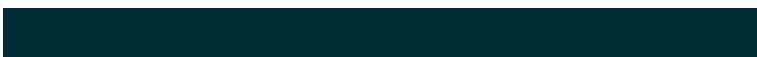
178.0830, -33.4260, 11.0700



112.5370, -6.0060, -1.2860



108.6840, -99.3510, -22.1590



31.9840, -29.4340, -6.2180

Inverse Universe

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



184.8570, 26.7690, 38.0090



190.1390, 35.2030, 50.3630



208.9170, 33.4260, -11.0700



110.3150, 3.6670, 5.1310



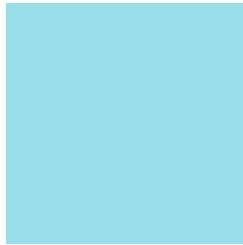
71.2190, 59.7260, 85.0220



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 201.5630, -44.4260, -9.8500 looks on a white background.

Color Contrast Check

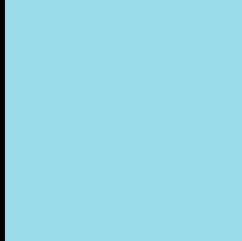
Large Text (above 18pt) WCAG AA × Fail

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 201.5630, -44.4260, -9.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

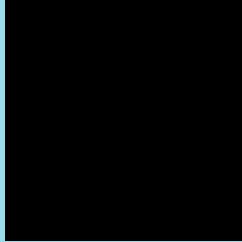
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.5630, -44.4260, -9.8500

Background



This preview shows how black text looks on a background with the YIQ color 201.5630, -44.4260, -9.8500.



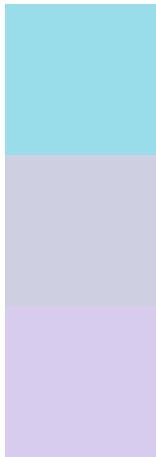
This preview shows how white text looks on a background with the YIQ color 201.5630, -44.4260, -9.8500.

-9.8500.

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

201.5630, -44.4260, -9.8500

Protanopia

209.1660, -6.0990, 5.9090

Deuteranopia

210.5780, -4.0830, 13.4290



Tritanopia

202.2040, -44.7930, -8.7050

Trichromacy



Original Color

201.5630, -44.4260, -9.8500

Protanomaly

206.4630, -20.3570, -0.0130

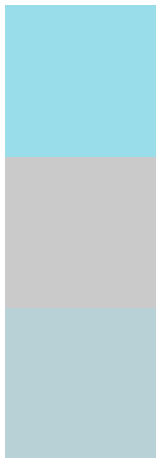
Deuteranomaly

207.1090, -19.1200, 5.1040

Tritanomaly

202.0900, -44.4720, -9.0160

Monochromacy



Original Color

201.5630, -44.4260, -9.8500

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0950, -16.5050, -3.7450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.5630, -44.4260, -9.8500 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(153, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(153, 220, 234)  
}
```

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(153, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 220, 234) }
```

Border

The CSS property to change the border of an element to YIQ 201.5630, -44.4260, -9.8500 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(153, 220, 234) }
```


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

```
.border{ border-color:rgb(153, 220, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 220, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(153, 220,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 201.5630, -44.4260, -9.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 220, 234) }
```

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

```
.background{ background-color: rgb(153,  
220, 234) }
```

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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