

Converting Colors

YIQ(201.4280, -30.4440, 1.0760)

Have a look what the booklet for
YIQ(201.4280, -30.4440, 1.0760)
contains.

YIQ(201.4280, -30.4440, 1.0760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(201.4280, -30.4440,
1.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD1ED
RGB	173, 209, 237
RGB Percent	68%, 82%, 93%
CMY	0.3216, 0.1803, 0.0707
CMYK	0.27, 0.12, 0.00, 0.07
HSL	206°, 64%, 80%
HSV	206°, 27%, 93%
XYZ	55.3147, 60.6029, 88.8751
YIQ	201.4280, -30.4440, 1.0760

Conversions

Conversions Part 2

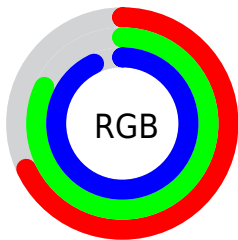
Format	Color
R _{YB}	173, 196, 237
Decimal	11391469
CIE Lab	82.16, -5.67, -17.66
CIE LCh	82, 18.551, 252.188
Yxy	60.6029, 0.2701, 0.2959
Android (android.graphics.Color)	4289581549 (0xFFADD1ED)
YUV	201.4280, 17.5370, -24.9314
Hunter-Lab	77.8479, -9.4010, -13.1949

Details

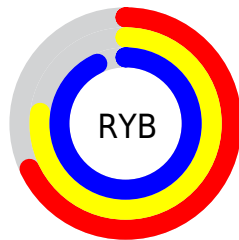
The YIQ color **201.4280, -30.4440, 1.0760** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **208.5720, 30.4440, -1.0760**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2260, -15.4960, -5.5120**, and **147.2000, -29.8020, 0.4540** is the 20% darker color. If you saturate the color by 10%, you get **188.3820, -41.9980, 1.2180**, and if you desaturate by 10%, it is **214.4740, -18.8900, 0.9340**.

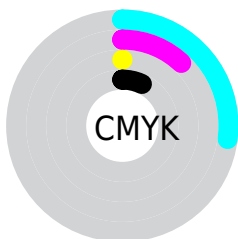
Distribution



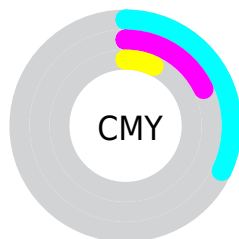
- Red (68%)
- Green (82%)
- Blue (93%)



- Red (68%)
- Yellow (77%)
- Blue (93%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.4280, -30.4440, 1.0760 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 201.4280, -30.4440, 1.0760 by changing the saturation by 10% instead.

■ 201.4280,
-30.4440, 1.0760

■ 201.4280,
-30.4440, 1.0760

■ 255.0000, -0.0000,
-0.0000

■ 173.7270,
-29.8480, 1.2880

■ 247.2260,
-15.4960, -5.5120

■ 147.2000,
-29.8020, 0.4540

■ 121.0860,
-29.4810, 0.1430

■ 95.9720, -29.1600,
-0.1680

■ 71.2600, -30.0310,
-0.9030

■ 46.6510, -32.6900,
-2.2740

■ 26.9290, -27.6010,

-0.8890

■ 12.2080, -15.0850,
3.5630

■ 1.1400, -3.2100,
3.1100

■ 201.4280,
-30.4440, 1.0760

■ 201.4280,
-30.4440, 1.0760

■ 188.3820,
-41.9980, 1.2180

■ 214.4740,
-18.8900, 0.9340

■ 175.0480,
-52.6810, 2.0950

■ 227.8080, -8.2070,
0.0570

■ 162.0020,
-64.2350, 2.2370

■ 240.8540, 3.3470,
-0.0850

■ 148.9560,
-75.7890, 2.3790

■ 250.0130, 7.1530,
-2.9830

■ 135.6220,
-86.4720, 3.2560

■ 252.9480, 5.7780,
-5.5980

■ 122.5760,
-98.0260, 3.3980

■ 109.5300,
-109.5800, 3.5400

■ 105.0890,
-112.6520, 4.1480

Harmonies

Analogous

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



198.7490, -36.0820, -6.8820



201.4280, -30.4440, 1.0760



204.2990, -16.5990, 8.9770

Triad

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



201.4280, -30.4440, 1.0760



207.3350, 27.2780, 12.2540



200.6710, -1.0520, -13.9800

Complementary

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



201.4280, -30.4440, 1.0760



208.5720, 30.4440, -1.0760

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.



202.8040, 14.8110, -9.6130



201.4280, -30.4440, 1.0760



206.6740, 30.3970, 5.2850

Square

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



201.4280, -30.4440, 1.0760



207.4680, 16.7780, 15.3220



205.1800, 25.6760, -2.7720



199.0480, -18.2910, -15.4350

Rectangle

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



201.4280, -30.4440, 1.0760



206.5670, -5.5500, 12.4820



205.1800, 25.6760, -2.7720



201.8350, 4.3580, -12.9060

Sweetspot

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



201.4280, -30.4440, 1.0760



243.7370, -9.4450, 0.4670



213.7600, -26.5880, -24.7640



120.5910, -6.0980, 0.3820



0.0000, 0.0000, 0.0000



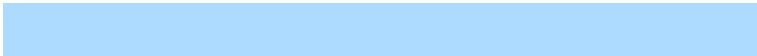
128.0000, -0.0000, -0.0000

Same Dimension

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



201.4280, -30.4440, 1.0760



209.3500, -38.9720, 1.4440



182.6440, -21.6440, 17.8120



110.7760, -5.1810, 0.2830



80.5080, -86.1510, 2.9450



23.7660, -25.5840, 1.1040

Inverse Universe

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



196.2400, 26.5880, 24.7640



202.7620, 34.1060, 31.6900



227.3560, 21.6440, -17.8120



109.9730, 4.6300, 4.1980



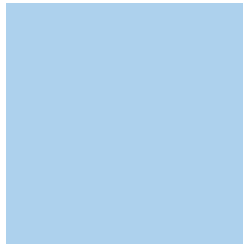
65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 201.4280, -30.4440, 1.0760 looks on a white background.

Color Contrast Check

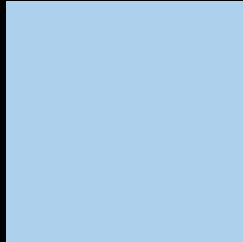
Large Text (above 18pt) WCAG AA × Fail

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 201.4280, -30.4440, 1.0760 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 201.4280, -30.4440, 1.0760

Background



This preview shows how black text looks on a background with the YIQ color 201.4280, -30.4440, 1.0760.



This preview shows how white text looks on a background with the YIQ color 201.4280, -30.4440, 1.0760.

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

201.4280, -30.4440, 1.0760

Protanopia

204.6370, -11.7390, 9.0050

Deuteranopia

205.9520, -8.0720, 14.1360



Tritanopia

200.8640, -28.9760, -3.5040

Trichromacy



Original Color

201.4280, -30.4440, 1.0760

Protanomaly

203.8210, -18.2490, 5.8390

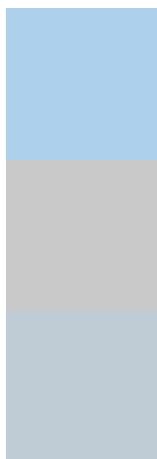
Deuteranomaly

204.5980, -16.0030, 9.1890

Tritanomaly

201.0320, -29.3890, -1.5250

Monochromacy



Original Color

201.4280, -30.4440, 1.0760

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.2530, -10.9580, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4280, -30.4440, 1.0760 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(173, 209, 237)` looks like.

```
.text, #text, p{  
    color:rgb(173, 209, 237)  
}
```

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(173, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 209, 237) }
```

Border

The CSS property to change the border of an element to YIQ 201.4280, -30.4440, 1.0760 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(173, 209, 237) }
```


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

```
.border{ border-color:rgb(173, 209, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 209, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 209, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 209, 237);  
box-shadow:4px 4px 4px 4px rgb(173, 209,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4280, -30.4440, 1.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 209, 237) }
```

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

```
.background{ background-color: rgb(173,  
209, 237) }
```

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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