

Converting Colors

YIQ(206.6380, -39.8430, 0.7090)

Have a look what the booklet for
YIQ(206.6380, -39.8430, 0.7090)
contains.

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Color

**YIQ(206.6380, -39.8430,
0.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D9FC
RGB	169, 217, 252
RGB Percent	66%, 85%, 99%
CMY	0.3373, 0.1489, 0.0119
CMYK	0.33, 0.14, 0.00, 0.01
HSL	205°, 93%, 83%
HSV	205°, 33%, 99%
XYZ	58.7384, 65.0939, 101.5247
YIQ	206.6380, -39.8430, 0.7090

Conversions

Conversions Part 2

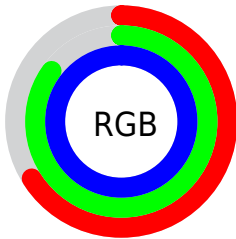
Format	Color
RYB	169, 199, 252
Decimal	11131388
CIELab	84.53, -7.44, -22.06
CIELCh	85, 23.278, 251.367
Yxy	65.0939, 0.2606, 0.2888
Android (android.graphics.Color)	4289321468 (0xFFA9D9FC)
YUV	206.6380, 22.3635, -33.0085
Hunter-Lab	80.6808, -11.2371, -18.1311

Details

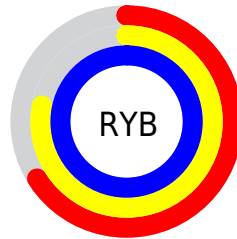
The YIQ color $206.6380, -39.8430, 0.7090$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $214.3620, 39.8430, -0.7090$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, -17.2840, -6.1480$, and $151.4100, -39.2010, 0.0870$ is the 20% darker color. If you saturate the color by 10%, you get $192.7060, -51.7180, 1.1620$, and if you desaturate by 10%, it is $220.5700, -27.9680, 0.2560$.

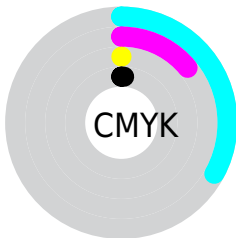
Distribution



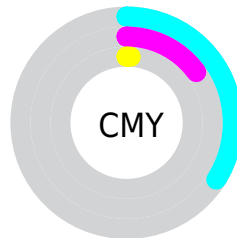
- Red (66%)
- Green (85%)
- Blue (99%)



- Red (66%)
- Yellow (78%)
- Blue (99%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (34%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6380, -39.8430, 0.7090 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 206.6380, -39.8430, 0.7090 by changing the saturation by 10% instead.

■ 206.6380,
-39.8430, 0.7090

■ 206.6380,
-39.8430, 0.7090

■ 255.0000, -0.0000,
-0.0000

■ 178.5240,
-39.5220, 0.3980

■ 246.3290,
-17.2840, -6.1480

■ 151.4100,
-39.2010, 0.0870

■ 124.9970,
-39.4760, -0.4360

■ 99.2850, -40.3470,
-1.1710

■ 72.9750, -42.4100,
-2.3300

■ 47.3550, -46.5360,
-4.6480

■ 31.8190, -33.1030,

-0.2950

■ 17.4570, -20.2200,
3.0120

■ 3.3230, -7.9790,
6.9410

■ 206.6380,
-39.8430, 0.7090

■ 206.6380,
-39.8430, 0.7090

■ 192.7060,
-51.7180, 1.1620

■ 220.5700,
-27.9680, 0.2560

■ 179.3610,
-63.8680, 1.0920

■ 233.9150,
-15.8180, 0.3260

■ 165.1300,
-76.3390, 1.3330

■ 248.1460, -3.3470,
0.0850

■ 151.7850,
-88.4890, 1.2630

■ 254.6580, 0.9630,
-0.9330

■ 137.8530,
-100.3640, 1.7160

■ 123.9210,
-112.2390, 2.1690

■ 114.4300,
-121.0420, 2.0140

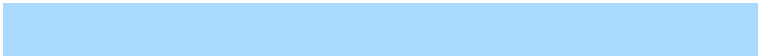
Harmonies

Analogous

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



203.0080, -47.1770, -9.5530



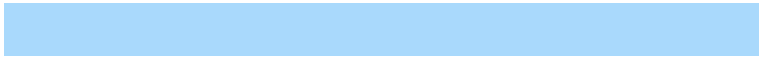
206.6380, -39.8430, 0.7090



211.1290, -21.8720, 10.9280

Triad

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



206.6380, -39.8430, 0.7090



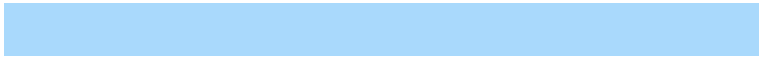
214.4390, 32.9170, 14.6850



206.2640, -1.4640, -17.5280

Complementary

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



206.6380, -39.8430, 0.7090



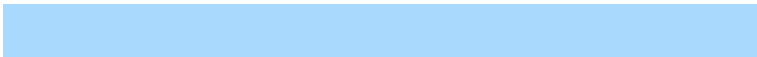
214.3620, 39.8430, -0.7090

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.



209.0770, 18.2960, -12.2000



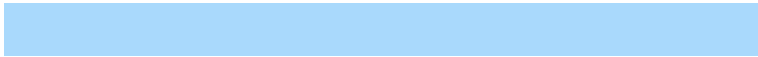
206.6380, -39.8430, 0.7090



213.6210, 37.9160, 6.6840

Square

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



206.6380, -39.8430, 0.7090



214.9570, 19.8950, 19.4070



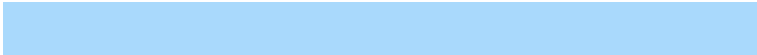
211.4750, 32.0950, -3.4650



204.0750, -22.9210, -19.6330

Rectangle

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



206.6380, -39.8430, 0.7090



213.1910, -7.2470, 15.7050



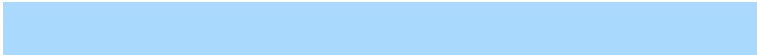
211.4750, 32.0950, -3.4650



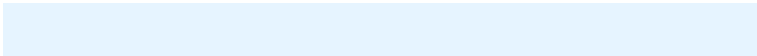
207.7980, 5.7800, -16.6520

Sweetspot

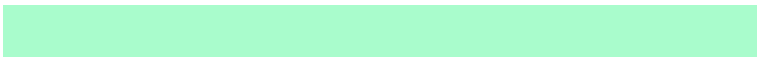
The Sweet Spot groups the original color and five complimentary colors.



206.6380, -39.8430, 0.7090



241.0680, -11.8750, 0.4530



221.7110, -34.0600, -32.5240



119.1070, -7.6110, 0.2690



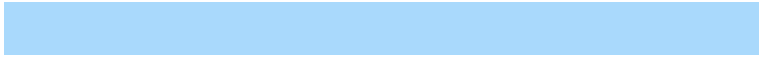
0.0000, 0.0000, 0.0000



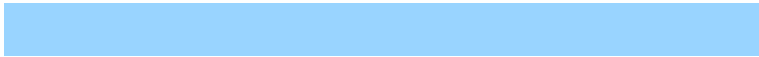
128.0000, -0.0000, -0.0000

Same Dimension

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



206.6380, -39.8430, 0.7090



199.2610, -48.9670, 0.8650



182.5710, -28.5680, 22.1520



118.1780, -6.3730, -0.1410



85.5290, -90.6440, 1.7720



27.4990, -29.2060, 0.6660

Inverse Universe

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



199.2890, 34.0600, 32.5240



190.2240, 41.8530, 39.9730



238.4290, 28.5680, -22.1520



116.7990, 5.1800, 5.2440



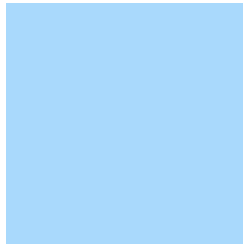
68.9370, 77.6550, 73.9670



22.2290, 25.1210, 23.8170

Previews

White Background



This preview shows how the YIQ color 206.6380, -39.8430, 0.7090 looks on a white background.

Color Contrast Check

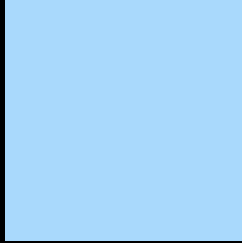
Large Text (above 18pt) WCAG AA × Fail

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 206.6380, -39.8430, 0.7090 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

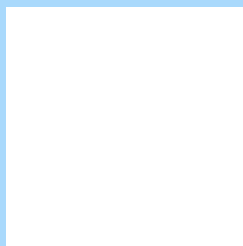
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.6380, -39.8430, 0.7090

Background



This preview shows how black text looks on a background with the YIQ color 206.6380, -39.8430, 0.7090.



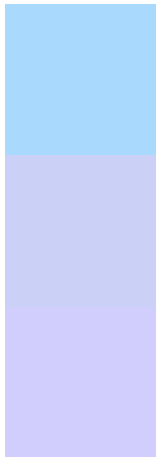
This preview shows how white text looks on a background with the YIQ color 206.6380, -39.8430,

0.7090.

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

206.6380, -39.8430, 0.7090

Protanopia

211.4240, -15.4530, 10.2350

Deuteranopia

212.3690, -13.6200, 15.5640



Tritanopia

205.7920, -37.6410, -6.1610

Trichromacy



Original Color

206.6380, -39.8430, 0.7090

Protanomaly

209.8250, -24.0720, 6.7440

Deuteranomaly

210.1180, -23.3390, 9.9810

Tritanomaly

206.0740, -38.3750, -3.8710

Monochromacy



Original Color

206.6380, -39.8430, 0.7090

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.9860, -14.5800, -0.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6380, -39.8430, 0.7090 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(169, 217, 252)` looks like.

```
.text, #text, p{  
    color:rgb(169, 217, 252)  
}
```

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(169, 217, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 217, 252) }
```

Border

The CSS property to change the border of an element to YIQ 206.6380, -39.8430, 0.7090 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(169, 217, 252) }
```


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

```
.border{ border-color:rgb(169, 217, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 217, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 217, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 217, 252);  
box-shadow:4px 4px 4px 4px rgb(169, 217,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6380, -39.8430, 0.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 217, 252) }
```

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

```
.background{ background-color: rgb(169,  
217, 252) }
```

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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