

Converting Colors

YIQ(211.8720, -40.6220,
-1.6940)

Have a look what the booklet for
YIQ(211.8720, -40.6220, -1.6940)
contains.

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Color

**YIQ(211.8720, -40.6220,
-1.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE0FE
RGB	172, 224, 254
RGB Percent	67%, 88%, 100%
CMY	0.3256, 0.1215, 0.0041
CMYK	0.32, 0.12, 0.00, 0.00
HSL	202°, 98%, 84%
HSV	202°, 32%, 100%
XYZ	61.5508, 69.2435, 103.8477
YIQ	211.8720, -40.6220, -1.6940

Conversions

Conversions Part 2

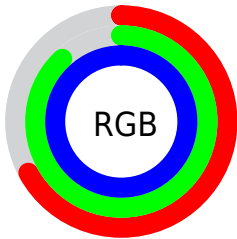
Format	Color
RYB	172, 204, 254
Decimal	11329790
CIELab	86.62, -9.76, -19.93
CIELCh	87, 22.193, 243.896
Yxy	69.2435, 0.2623, 0.2951
Android (android.graphics.Color)	4289519870 (0xFFACE0FE)
YUV	211.8720, 20.7691, -34.9677
Hunter-Lab	83.2127, -13.5892, -15.7438

Details

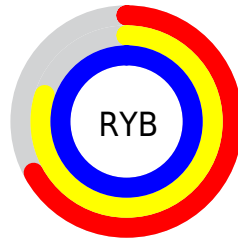
The YIQ color $211.8720, -40.6220, -1.6940$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $214.1280, 40.6220, 1.6940$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.2260, -15.4960, -5.5120$, and $156.6440, -39.9800, -2.3160$ is the 20% darker color. If you saturate the color by 10%, you get $199.1140, -53.0470, -2.2870$, and if you desaturate by 10%, it is $224.6300, -28.1970, -1.1010$.

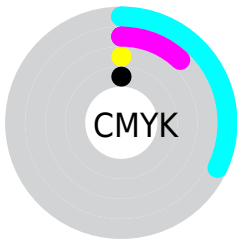
Distribution



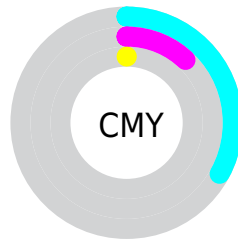
- Red (67%)
- Green (88%)
- Blue (100%)



- Red (67%)
- Yellow (80%)
- Blue (100%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.8720, -40.6220, -1.6940 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 211.8720, -40.6220, -1.6940 by changing the saturation by 10% instead.

■ 211.8720,
-40.6220, -1.6940

■ 211.8720,
-40.6220, -1.6940

■ 255.0000, -0.0000,
-0.0000

■ 183.7580,
-40.3010, -2.0050

■ 247.2260,
-15.4960, -5.5120

■ 156.6440,
-39.9800, -2.3160

■ 129.6440,
-39.9800, -2.3160

■ 103.8180,
-40.5300, -3.3620

■ 77.9210, -42.3180,
-3.9980

■ 51.1050, -48.8280,
-7.1640

■ 34.8680, -34.7990,

-2.5990

■ 20.6200, -22.2370,
1.0190

■ 3.5510, -8.6210,
7.5630

■ 211.8720,
-40.6220, -1.6940

■ 211.8720,
-40.6220, -1.6940

■ 199.1140,
-53.0470, -2.2870

■ 224.6300,
-28.1970, -1.1010

■ 185.4700,
-65.7930, -2.5690

■ 238.2740,
-15.4510, -0.8190

■ 172.7120,
-78.2180, -3.1620

■ 251.0320, -3.0260,
-0.2260

■ 159.6550,
-91.2390, -3.9670

■ 254.8860, 0.3210,
-0.3110

■ 146.8970,
-103.6640, -4.5600

■ 133.5520,
-115.8140, -4.6300

■ 123.4630,
-125.8090, -5.2090

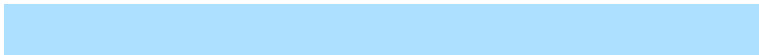
Harmonies

Analogous

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



208.9220, -44.0590, -10.9950



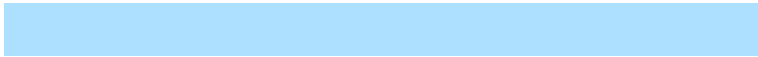
211.8720, -40.6220, -1.6940



215.6400, -24.9890, 6.8430

Triad

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



211.8720, -40.6220, -1.6940



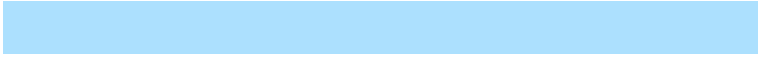
219.3290, 27.4150, 15.2790



213.5420, 3.6250, -16.1430

Complementary

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



211.8720, -40.6220, -1.6940



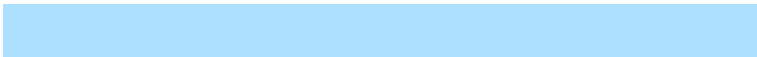
214.1280, 40.6220, 1.6940

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.



215.5120, 21.5050, -9.7830



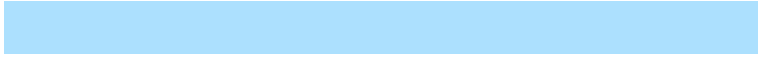
211.8720, -40.6220, -1.6940



218.1090, 33.6060, 7.7020

Square

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



211.8720, -40.6220, -1.6940



221.0920, 15.0810, 18.5450



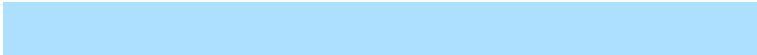
217.6540, 33.1490, -0.5390



210.5380, -16.9150, -18.3470

Rectangle

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



211.8720, -40.6220, -1.6940



218.3860, -12.2900, 13.4860



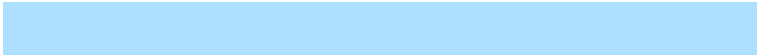
217.6540, 33.1490, -0.5390



214.3040, 10.2270, -14.6450

Sweetspot

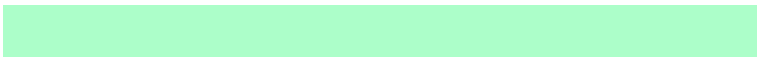
The Sweet Spot groups the original color and five complimentary colors.



211.8720, -40.6220, -1.6940



242.2420, -12.4250, -0.5930



223.4400, -31.8590, -33.8670



119.6940, -7.8860, -0.2540



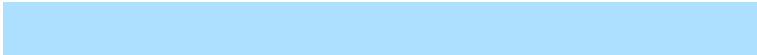
0.0000, 0.0000, 0.0000



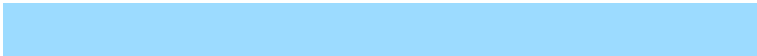
128.0000, -0.0000, -0.0000

Same Dimension

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



211.8720, -40.6220, -1.6940



204.2670, -49.1040, -2.1600



188.3920, -29.6220, 19.2260



121.1780, -6.3730, -0.1410



92.8010, -94.5860, -3.8820



30.7760, -31.5440, -1.0160

Inverse Universe

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



202.4460, 32.1800, 33.5560



192.7830, 38.7810, 40.5810



237.6080, 29.6220, -19.2260



119.7990, 5.1800, 5.2440



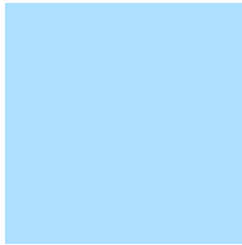
70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 211.8720, -40.6220, -1.6940 looks on a white background.

Color Contrast Check

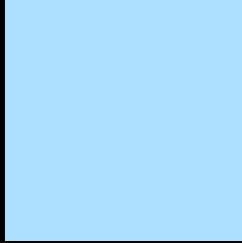
Large Text (above 18pt) WCAG AA × Fail

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 211.8720, -40.6220, -1.6940 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

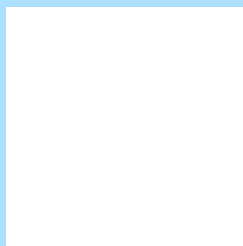
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.8720, -40.6220, -1.6940

Background



This preview shows how black text looks on a background with the YIQ color 211.8720, -40.6220, -1.6940.



This preview shows how white text looks on a background with the YIQ color 211.8720, -40.6220, -1.6940.

-1.6940.

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

211.8720, -40.6220, -1.6940

Protanopia

216.9790, -12.7020, 9.9380

Deuteranopia

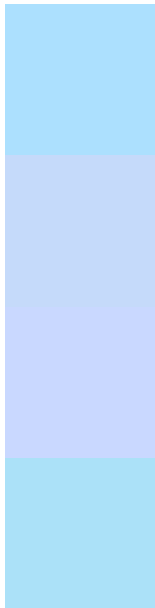
217.8100, -10.5480, 14.9560



Tritanopia

211.3080, -39.1540, -6.2740

Trichromacy



Original Color

211.8720, -40.6220, -1.6940

Protanomaly

215.3690, -22.7880, 5.5000

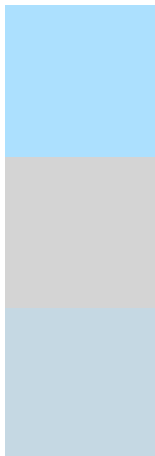
Deuteranomaly

215.9610, -21.4590, 8.9490

Tritanomaly

211.4760, -39.5670, -4.2950

Monochromacy



Original Color

211.8720, -40.6220, -1.6940

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.5730, -14.8550, -0.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.8720, -40.6220, -1.6940 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(172, 224, 254)` looks like.

```
.text, #text, p{  
    color:rgb(172, 224, 254)  
}
```

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(172, 224, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 224, 254) }
```

Border

The CSS property to change the border of an element to YIQ 211.8720, -40.6220, -1.6940 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(172, 224, 254) }
```


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

```
.border{ border-color:rgb(172, 224, 254) }
```

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

Here you see how a box with a 4 pixel rgb(172, 224, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 224, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 224, 254);  
box-shadow:4px 4px 4px 4px rgb(172, 224,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 211.8720, -40.6220, -1.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 224, 254) }
```

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

```
.background{ background-color: rgb(172,  
224, 254) }
```

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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