

Converting Colors

YIQ(223.1720, -41.7670,
-8.4790)

Have a look what the booklet for
YIQ(223.1720, -41.7670, -8.4790)
contains.

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Color

**YIQ(223.1720, -41.7670,
-8.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F0FF
RGB	178, 240, 255
RGB Percent	70%, 94%, 100%
CMY	0.3021, 0.0587, 0.0002
CMYK	0.30, 0.06, 0.00, 0.00
HSL	192°, 100%, 85%
HSV	192°, 30%, 100%
XYZ	67.5625, 79.0134, 106.2598
YIQ	223.1720, -41.7670, -8.4790

Conversions

Conversions Part 2

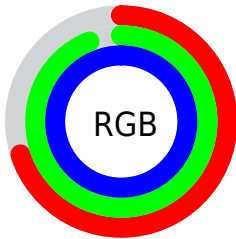
Format	Color
RYB	178, 212, 255
Decimal	11727103
CIELab	91.24, -16.01, -13.48
CIElCh	91, 20.934, 220.099
Yxy	79.0134, 0.2672, 0.3125
Android (android.graphics.Color)	4289917183 (0xFFB2F0FF)
YUV	223.1720, 15.6912, -39.6158
Hunter-Lab	88.8895, -19.8836, -8.6534

Details

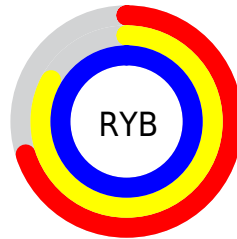
The YIQ color $223.1720, -41.7670, -8.4790$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.8280, 41.7670, 8.4790$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.0200, -11.9200, -4.2400$, and $167.3570, -40.8500, -8.5780$ is the 20% darker color. If you saturate the color by 10%, you get $212.4630, -55.8880, -11.3760$, and if you desaturate by 10%, it is $233.5820, -28.2420, -5.7940$.

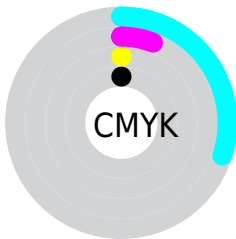
Distribution



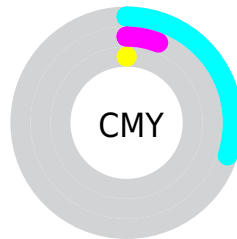
- Red (70%)
- Green (94%)
- Blue (100%)



- Red (70%)
- Yellow (83%)
- Blue (100%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.1720, -41.7670, -8.4790 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 223.1720, -41.7670, -8.4790 by changing the saturation by 10% instead.

■ 223.1720,
-41.7670, -8.4790

■ 223.1720,
-41.7670, -8.4790

■ 255.0000, -0.0000,
-0.0000

■ 195.0580,
-41.4460, -8.7900

■ 249.0200,
-11.9200, -4.2400

■ 167.3570,
-40.8500, -8.5780

■ 140.3570,
-40.8500, -8.5780

■ 113.9440,
-41.1250, -9.1010

■ 88.0470, -42.9130,
-9.7370

■ 59.1600, -50.6610,
-12.4930

■ 42.0260, -38.4200,

-8.5640

■ 26.6040, -25.3080,
-3.9000

■ 9.0620, -11.7380,
3.4780

■ 223.1720,
-41.7670, -8.4790

■ 223.1720,
-41.7670, -8.4790

■ 212.4630,
-55.8880, -11.3760

■ 233.5820,
-28.2420, -5.7940

■ 202.0530,
-69.4130, -14.0610

■ 244.2910,
-14.1210, -2.8970

■ 191.3440,
-83.5340, -16.9580

■ 254.7010, -0.5960,
-0.2120

■ 180.9340,
-97.0590, -19.6430

■ 255.0000, -0.0000,
-0.0000

■ 170.2250,
-111.1800, -22.5400

■ 159.8150,
-124.7050, -25.2250

■ 149.9920,
-138.5050, -28.4330

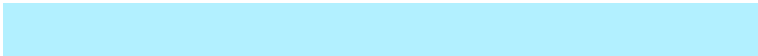
Harmonies

Analogous

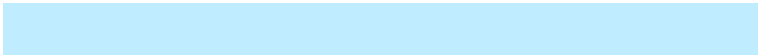
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.4790, -35.6220, -15.2220



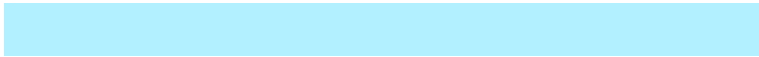
223.1720, -41.7670, -8.4790



225.0100, -32.3230, -3.4190

Triad

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



223.1720, -41.7670, -8.4790



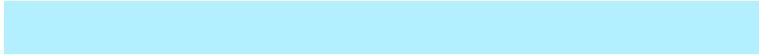
232.0270, 13.7060, 15.9300



228.7180, 17.9290, -11.0550

Complementary

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



223.1720, -41.7670, -8.4790



209.8280, 41.7670, 8.4790

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.



229.7350, 28.4270, -3.0690



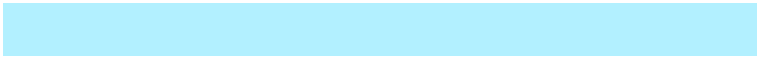
223.1720, -41.7670, -8.4790



228.5730, 20.6760, 10.7560

Square

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



223.1720, -41.7670, -8.4790



232.3290, 1.0520, 13.9800



227.5810, 26.2250, 3.8010



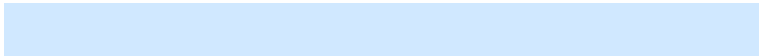
226.3890, -0.3180, -16.2700

Rectangle

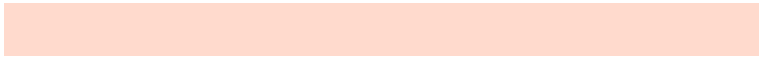
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



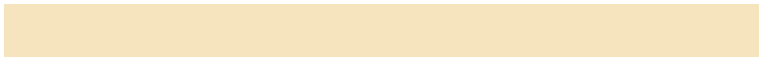
223.1720, -41.7670, -8.4790



227.4460, -21.6870, 2.0650



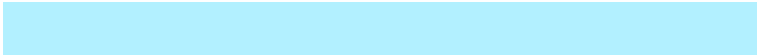
227.5810, 26.2250, 3.8010



229.0500, 22.9260, -8.0020

Sweetspot

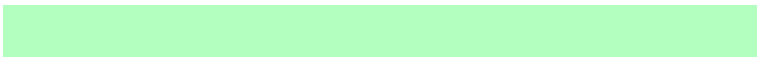
The Sweet Spot groups the original color and five complimentary colors.



223.1720, -41.7670, -8.4790



245.7750, -12.6080, -2.7840



224.7950, -25.6690, -35.9170



121.7540, -8.1150, -1.6110



0.0000, 0.0000, 0.0000



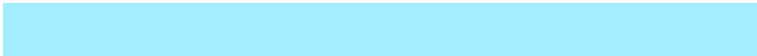
128.0000, -0.0000, -0.0000

Same Dimension

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



223.1720, -41.7670, -8.4790



216.9260, -49.8820, -10.0900



200.8660, -31.3170, 11.3950



122.3520, -6.9230, -1.1870



112.1720, -103.6610, -21.1410



37.2330, -34.5690, -6.7690

Inverse Universe

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



208.0910, 25.9900, 35.6060



198.9440, 31.0780, 42.5180



232.1340, 31.3170, -11.3950



120.0270, 4.5380, 5.8660



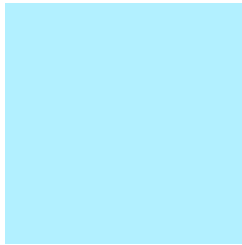
74.6650, 64.4020, 88.3860



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 223.1720, -41.7670, -8.4790 looks on a white background.

Color Contrast Check

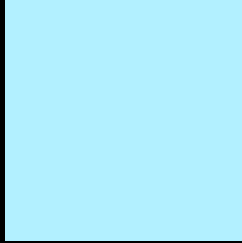
Large Text (above 18pt) WCAG AA × Fail

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 223.1720, -41.7670, -8.4790 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 223.1720, -41.7670, -8.4790

Background



This preview shows how black text looks on a background with the YIQ color 223.1720, -41.7670, -8.4790.



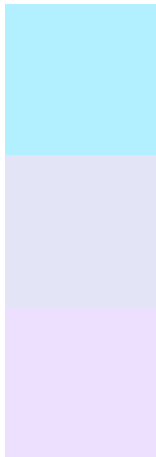
This preview shows how white text looks on a background with the YIQ color 223.1720, -41.7670, -8.4790.

-8.4790.

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

223.1720, -41.7670, -8.4790

Protanopia

230.1660, -6.0990, 5.9090

Deuteranopia

231.4210, -2.2030, 12.3970



Tritanopia

224.3900, -36.4490, -5.7370

Trichromacy



Original Color

223.1720, -41.7670, -8.4790

Protanomaly

227.4740, -18.8900, 0.9340

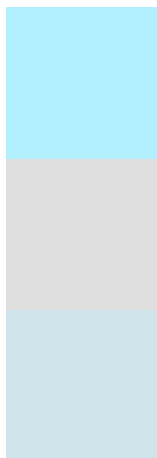
Deuteranomaly

228.6640, -16.3690, 4.8070

Tritanomaly

224.0800, -38.5120, -6.8960

Monochromacy



Original Color

223.1720, -41.7670, -8.4790

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1060, -15.0380, -2.7980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.1720, -41.7670, -8.4790 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(178, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 240, 255)  
}
```

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(178, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 240, 255) }
```

Border

The CSS property to change the border of an element to YIQ 223.1720, -41.7670, -8.4790 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(178, 240, 255) }
```


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

```
.border{ border-color:rgb(178, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 223.1720, -41.7670, -8.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 240, 255) }
```

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

```
.background{ background-color: rgb(178,  
240, 255) }
```

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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