

Converting Colors

YIQ(224.4280, -39.6120,
-8.9880)

Have a look what the booklet for
YIQ(224.4280, -39.6120, -8.9880)
contains.

YIQ(224.4280, -39.6120, -8.9880)	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(224.4280, -39.6120,
-8.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F1FD
RGB	181, 241, 253
RGB Percent	71%, 95%, 99%
CMY	0.2903, 0.0548, 0.0080
CMYK	0.28, 0.05, 0.00, 0.01
HSL	190°, 95%, 85%
HSV	190°, 28%, 99%
XYZ	68.2336, 79.8343, 104.7063
YIQ	224.4280, -39.6120, -8.9880

Conversions

Conversions Part 2

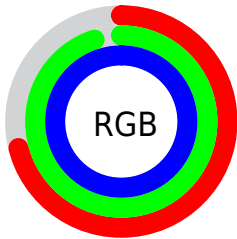
Format	Color
R _Y B	181, 214, 253
Decimal	11923965
CIE Lab	91.61, -16.14, -11.87
CIE LCh	92, 20.033, 216.350
Yxy	79.8343, 0.2699, 0.3158
Android (android.graphics.Color)	4290114045 (0xFFB5F1FD)
YUV	224.4280, 14.0860, -38.0864
Hunter-Lab	89.3500, -20.0481, -6.9349

Details

The YIQ color $224.4280, -39.6120, -8.9880$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.5720, 39.6120, 8.9880$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, -10.1320, -3.6040$, and $168.6130, -38.6950, -9.0870$ is the 20% darker color. If you saturate the color by 10%, you get $214.6050, -53.4120, -12.1960$, and if you desaturate by 10%, it is $234.2510, -25.8120, -5.7800$.

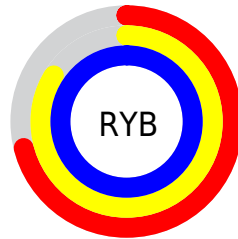
Distribution



Red (71%)

Green (95%)

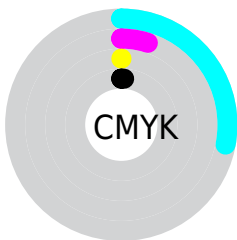
Blue (99%)



Red (71%)

Yellow (84%)

Blue (99%)

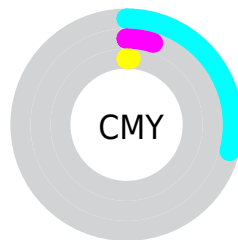


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (5%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.4280, -39.6120, -8.9880 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 224.4280, -39.6120, -8.9880 by changing the saturation by 10% instead.

■ 224.4280,
-39.6120, -8.9880

■ 224.4280,
-39.6120, -8.9880

■ 255.0000, -0.0000,
-0.0000

■ 196.3140,
-39.2910, -9.2990

■ 249.9170,
-10.1320, -3.6040

■ 168.6130,
-38.6950, -9.0870

■ 141.6130,
-38.6950, -9.0870

■ 115.6130,
-38.6950, -9.0870

■ 89.3140, -39.2910,
-9.2990

■ 62.5090, -44.3340,
-11.5180

■ 42.4990, -38.3740,

-9.3980

■ 27.0770, -25.2620,
-4.7340

■ 10.0080, -11.6460,
1.8100

■ 224.4280,
-39.6120, -8.9880

■ 224.4280,
-39.6120, -8.9880

■ 214.6050,
-53.4120, -12.1960

■ 234.2510,
-25.8120, -5.7800

■ 204.4830,
-67.8080, -15.6160

■ 244.3730,
-11.4160, -2.3600

■ 194.0730,
-81.3330, -18.3010

■ 254.1850, 0.9170,
-0.0990

■ 184.2500,
-95.1330, -21.5090

■ 254.7720, 0.6420,
-0.6220

■ 174.1280,
-109.5290, -24.9290

■ 164.3050,
-123.3290, -28.1370

■ 154.4820,
-137.1290, -31.3450

■ 152.6990,
-139.2380, -31.6700

Harmonies

Analogous

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



223.7460, -32.0000, -14.7840



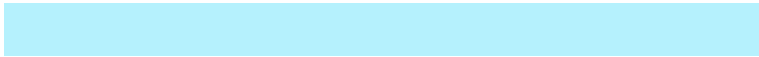
224.4280, -39.6120, -8.9880



225.8960, -32.0020, -3.7300

Triad

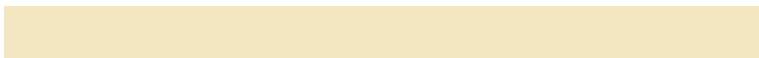
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.4280, -39.6120, -8.9880



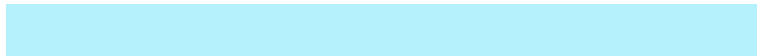
233.5430, 12.1930, 15.8170



229.9570, 18.7540, -9.4860

Complementary

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



224.4280, -39.6120, -8.9880



209.5720, 39.6120, 8.9880

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.



230.6640, 27.1890, -2.6590



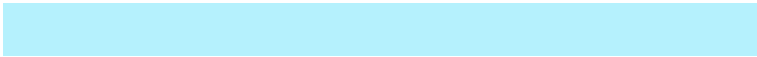
224.4280, -39.6120, -8.9880



230.0890, 19.1630, 10.6430

Square

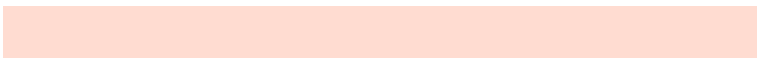
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



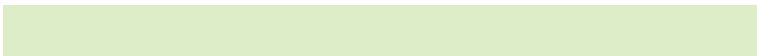
224.4280, -39.6120, -8.9880



232.9050, -0.6900, 12.5100



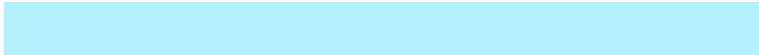
229.2110, 24.3910, 3.9990



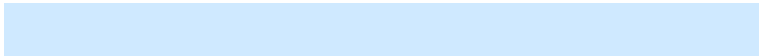
227.6990, 1.7450, -15.1110

Rectangle

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



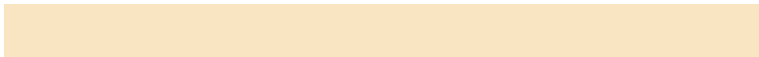
224.4280, -39.6120, -8.9880



227.7340, -22.5580, 1.3300



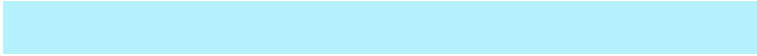
229.2110, 24.3910, 3.9990



230.8760, 23.4760, -6.9560

Sweetspot

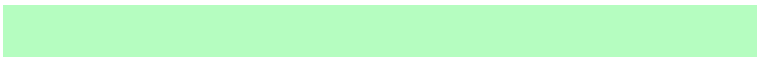
The Sweet Spot groups the original color and five complimentary colors.



224.4280, -39.6120, -8.9880



245.7750, -12.6080, -2.7840



224.5180, -23.3310, -34.2350



121.7540, -8.1150, -1.6110



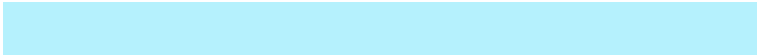
0.0000, 0.0000, 0.0000



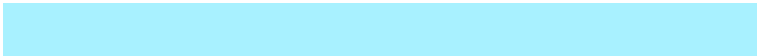
128.0000, -0.0000, -0.0000

Same Dimension

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



224.4280, -39.6120, -8.9880



220.7690, -48.0020, -11.1220



203.8830, -29.9870, 9.3170



122.3520, -6.9230, -1.1870



115.6940, -105.3110, -24.2790



38.4070, -35.1190, -7.8150

Inverse Universe

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



209.3680, 23.6520, 33.9240



202.3350, 28.4190, 41.1470



230.1170, 29.9870, -9.3170



120.0270, 4.5380, 5.8660



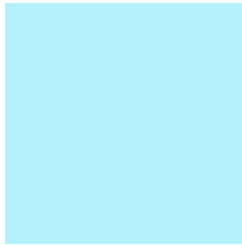
75.3490, 62.4760, 90.2520



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 224.4280, -39.6120, -8.9880 looks on a white background.

Color Contrast Check

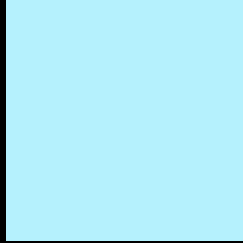
Large Text (above 18pt) WCAG AA × Fail

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 224.4280, -39.6120, -8.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

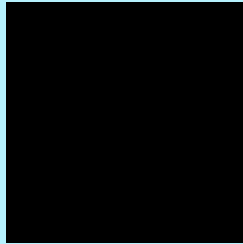
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.4280, -39.6120, -8.9880

Background



This preview shows how black text looks on a background with the YIQ color 224.4280, -39.6120, -8.9880.



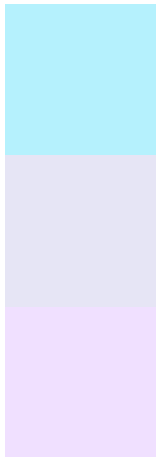
This preview shows how white text looks on a background with the YIQ color 224.4280, -39.6120, -8.9880.

-8.9880.

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

224.4280, -39.6120, -8.9880

Protanopia

231.1230, -4.5400, 5.1880

Deuteranopia

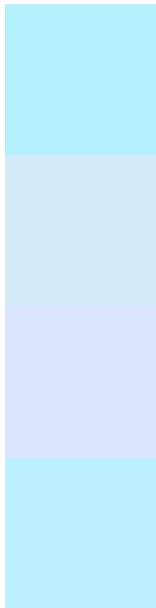
232.3180, -0.4150, 13.0330



Tritanopia

226.4720, -33.7440, -5.2000

Trichromacy



Original Color

224.4280, -39.6120, -8.9880

Protanomaly

228.4310, -17.3310, 0.2130

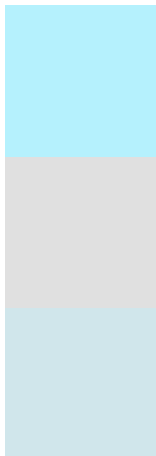
Deuteranomaly

229.4470, -14.2600, 5.1320

Tritanomaly

225.7490, -36.0820, -6.8820

Monochromacy



Original Color

224.4280, -39.6120, -8.9880

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.9920, -14.7170, -3.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.4280, -39.6120, -8.9880 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(181, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(181, 241, 253)  
}
```

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(181, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 241, 253) }
```

Border

The CSS property to change the border of an element to YIQ 224.4280, -39.6120, -8.9880 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(181, 241, 253) }
```


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

```
.border{ border-color:rgb(181, 241, 253) }
```

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

Here you see how a box with a 4 pixel rgb(181, 241, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(181, 241,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 224.4280, -39.6120, -8.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 241, 253) }
```

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

```
.background{ background-color: rgb(181,  
241, 253) }
```

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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