

Converting Colors

YIQ(224.6630, -32.9640,
-8.3240)

Have a look what the booklet for
YIQ(224.6630, -32.9640, -8.3240)
contains.

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Color

**YIQ(224.6630, -32.9640,
-8.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	BCEFF7
RGB	188, 239, 247
RGB Percent	74%, 94%, 97%
CMY	0.2629, 0.0626, 0.0315
CMYK	0.24, 0.03, 0.00, 0.03
HSL	188°, 79%, 85%
HSV	188°, 24%, 97%
XYZ	68.3876, 79.1464, 99.6398
YIQ	224.6630, -32.9640, -8.3240

Conversions

Conversions Part 2

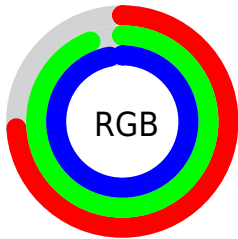
Format	Color
R _Y B	188, 215, 247
Decimal	12382199
CIE Lab	91.30, -14.46, -9.17
CIE LCh	91, 17.126, 212.381
Yxy	79.1464, 0.2767, 0.3202
Android (android.graphics.Color)	4290572279 (0xFFBCEFF7)
YUV	224.6630, 11.0121, -32.1535
Hunter-Lab	88.9643, -18.4729, -4.1297

Details

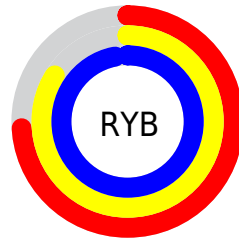
The YIQ color $224.6630, -32.9640, -8.3240$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $210.3370, 32.9640, 8.3240$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.0100, -5.9600, -2.1200$, and $168.9620, -32.3680, -8.1120$ is the 20% darker color. If you saturate the color by 10%, you get $215.4270, -47.0390, -12.0550$, and if you desaturate by 10%, it is $233.8990, -18.8890, -4.5930$.

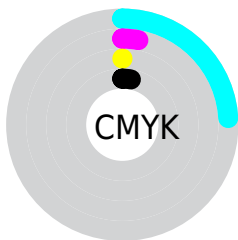
Distribution



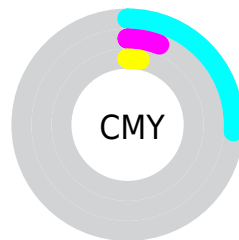
- Red (74%)
- Green (94%)
- Blue (97%)



- Red (74%)
- Yellow (84%)
- Blue (97%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (26%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.6630, -32.9640, -8.3240 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 224.6630, -32.9640, -8.3240 by changing the saturation by 10% instead.

■ 224.6630,
-32.9640, -8.3240

■ 224.6630,
-32.9640, -8.3240

■ 255.0000, -0.0000,
-0.0000

■ 196.5490,
-32.6430, -8.6350

■ 252.0100, -5.9600,
-2.1200

■ 168.9620,
-32.3680, -8.1120

■ 142.2610,
-31.7720, -7.9000

■ 116.1470,
-31.4510, -8.2110

■ 91.1470, -31.4510,
-8.2110

■ 66.2500, -33.2390,
-8.8470

■ 40.7550, -36.2190,

-9.9070

■ 25.9200, -23.3820,
-5.7660

■ 8.3780, -9.8120,
1.6120

■ 224.6630,
-32.9640, -8.3240

■ 224.6630,
-32.9640, -8.3240

■ 215.4270,
-47.0390, -12.0550

■ 233.8990,
-18.8890, -4.5930

■ 205.9030,
-60.2430, -15.0510

■ 243.4230, -5.6850,
-1.5970

■ 196.6670,
-74.3180, -18.7820

■ 250.5660, 4.2180,
0.6500

■ 187.4310,
-88.3930, -22.5130

■ 252.3270, 3.3930,
-0.9190

■ 177.6080,
-102.1930, -25.7210

■ 254.0880, 2.5680,
-2.4880

■ 168.6710,
-115.6720, -29.2400

■ 159.4350,
-129.7470, -32.9710

■ 153.7760,
-138.1370, -35.1050

Harmonies

Analogous

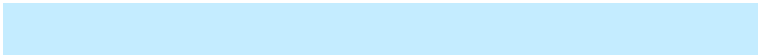
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.6220, -25.7190, -12.9750



224.6630, -32.9640, -8.3240



226.2060, -29.9390, -2.5710

Triad

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



224.6630, -32.9640, -8.3240



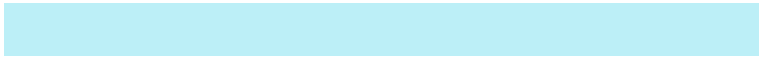
233.4180, 11.0470, 14.5590



229.2390, 18.0200, -7.1960

Complementary

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



224.6630, -32.9640, -8.3240



210.3370, 32.9640, 8.3240

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.



230.6470, 25.8590, -0.5810



224.6630, -32.9640, -8.3240



230.9040, 18.2460, 10.7420

Square

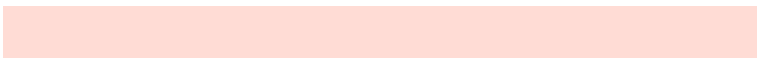
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.6630, -32.9640, -8.3240



231.4100, -3.6700, 11.4500



229.6670, 23.1070, 5.2430



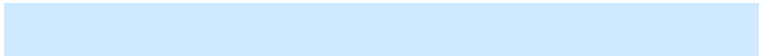
227.3620, 4.3120, -12.0720

Rectangle

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



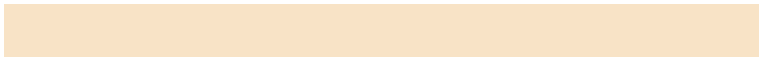
224.6630, -32.9640, -8.3240



227.7340, -22.5580, 1.3300



229.6670, 23.1070, 5.2430



229.9730, 21.8250, -4.5670

Sweetspot

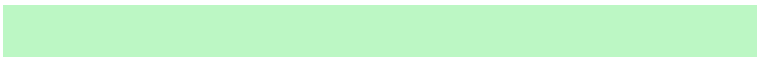
The Sweet Spot groups the original color and five complimentary colors.



224.6630, -32.9640, -8.3240



248.4440, -10.1780, -2.7700



223.5450, -18.7930, -28.3690



123.5370, -6.0060, -1.2860



0.0000, 0.0000, 0.0000



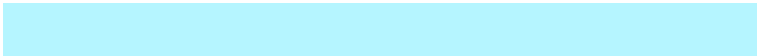
128.0000, -0.0000, -0.0000

Same Dimension

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



224.6630, -32.9640, -8.3240



227.0040, -41.3540, -10.4580



207.6400, -24.9890, 6.8430



117.8250, -6.8770, -2.0210



115.7110, -103.9810, -26.3570



36.6630, -32.9640, -8.3240

Inverse Universe

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



211.4550, 18.7930, 28.3690



210.4220, 23.5600, 35.5920



227.3600, 24.9890, -6.8430



114.8420, 3.6210, 5.9650



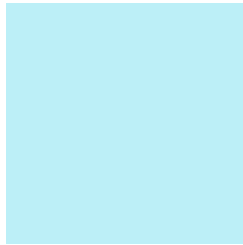
73.9680, 59.1750, 89.5030



23.4550, 18.7930, 28.3690

Previews

White Background



This preview shows how the YIQ color 224.6630, -32.9640, -8.3240 looks on a white background.

Color Contrast Check

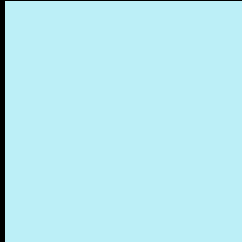
Large Text (above 18pt) WCAG AA × Fail

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 224.6630, -32.9640, -8.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

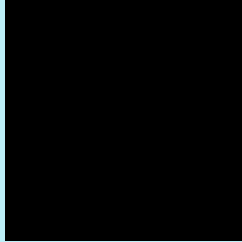
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.6630, -32.9640, -8.3240

Background



This preview shows how black text looks on a background with the YIQ color 224.6630, -32.9640, -8.3240.



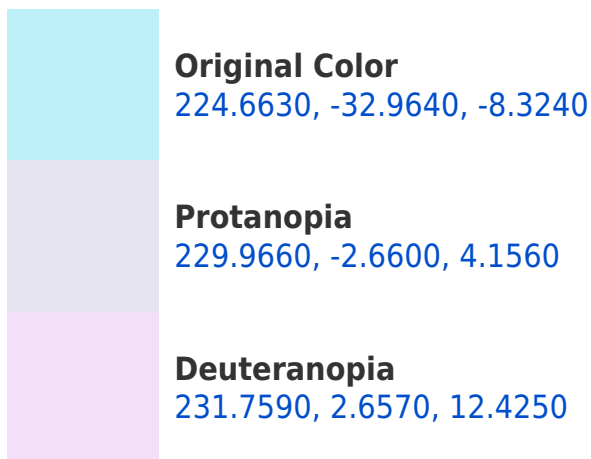
This preview shows how white text looks on a background with the YIQ color 224.6630, -32.9640, -8.3240.

-8.3240.

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

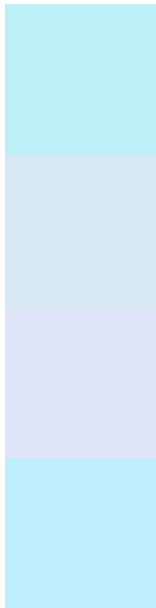




Tritanopia

225.8960, -32.0020, -3.7300

Trichromacy



Original Color

224.6630, -32.9640, -8.3240

Protanomaly

228.1710, -13.6630, -0.1830

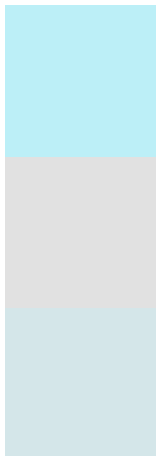
Deuteranomaly

229.1870, -10.5920, 4.7360

Tritanomaly

225.5430, -32.5060, -5.6100

Monochromacy



Original Color

224.6630, -32.9640, -8.3240

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.9600, -11.6910, -2.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.6630, -32.9640, -8.3240 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(188, 239, 247)` looks like.

```
.text, #text, p{  
    color:rgb(188, 239, 247)  
}
```

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(188, 239, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 239, 247) }
```

Border

The CSS property to change the border of an element to YIQ 224.6630, -32.9640, -8.3240 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(188, 239, 247) }
```


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

```
.border{ border-color:rgb(188, 239, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 239, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 239, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 239, 247); box-shadow:4px 4px 4px 4px rgb(188, 239, 247) }
```

Background

The CSS property to change the background color of an element to YIQ 224.6630, -32.9640, -8.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 239, 247) }
```

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

```
.background{ background-color: rgb(188,  
239, 247) }
```

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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