

Converting Colors

YIQ(220.0100, -32.3230,
-3.4190)

Have a look what the booklet for
YIQ(220.0100, -32.3230, -3.4190)
contains.

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Color

**YIQ(220.0100, -32.3230,
-3.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE7FA
RGB	187, 231, 250
RGB Percent	73%, 91%, 98%
CMY	0.2667, 0.0940, 0.0197
CMYK	0.25, 0.08, 0.00, 0.02
HSL	198°, 86%, 86%
HSV	198°, 25%, 98%
XYZ	66.3184, 74.6239, 101.3210
YIQ	220.0100, -32.3230, -3.4190

Conversions

Conversions Part 2

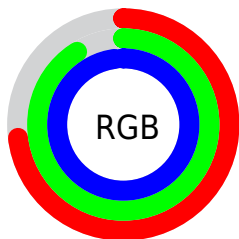
Format	Color
RYB	187, 213, 250
Decimal	12314618
CIELab	89.22, -10.04, -13.85
CIELCh	89, 17.110, 234.049
Yxy	74.6239, 0.2737, 0.3080
Android (android.graphics.Color)	4290504698 (0xFFBBE7FA)
YUV	220.0100, 14.7851, -28.9498
Hunter-Lab	86.3851, -14.1383, -9.0716

Details

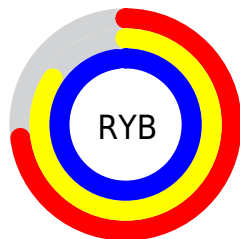
The YIQ color $220.0100, -32.3230, -3.4190$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $216.9900, 32.3230, 3.4190$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, -6.5560, -2.3320$, and $164.3090, -31.7270, -3.2070$ is the 20% darker color. If you saturate the color by 10%, you get $208.4260, -45.2980, -5.0580$, and if you desaturate by 10%, it is $232.1810, -19.6230, -2.3030$.

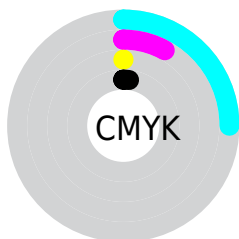
Distribution



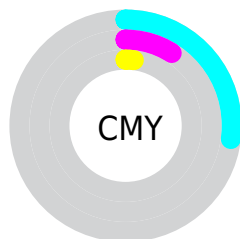
- Red (73%)
- Green (91%)
- Blue (98%)



- Red (73%)
- Yellow (84%)
- Blue (98%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.0100, -32.3230, -3.4190 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 220.0100, -32.3230, -3.4190 by changing the saturation by 10% instead.

■ 220.0100,
-32.3230, -3.4190

■ 220.0100,
-32.3230, -3.4190

■ 255.0000, -0.0000,
-0.0000

■ 191.8960,
-32.0020, -3.7300

■ 251.7110, -6.5560,
-2.3320

■ 164.1950,
-31.4060, -3.5180

■ 138.0810,
-31.0850, -3.8290

■ 112.0810,
-31.0850, -3.8290

■ 86.9670, -30.7640,
-4.1400

■ 62.3690, -31.9560,
-4.5640

■ 38.0480, -35.4860,

-6.6700

■ 22.6260, -22.3740,
-2.0060

■ 3.3230, -7.9790,
6.9410

■ 220.0100,
-32.3230, -3.4190

■ 220.0100,
-32.3230, -3.4190

■ 208.4260,
-45.2980, -5.0580

■ 232.1810,
-19.6230, -2.3030

■ 196.2550,
-57.9980, -6.1740

■ 243.7650, -6.6480,
-0.6640

■ 184.0840,
-70.6980, -7.2900

■ 253.8430, 1.8800,
-1.0320

■ 172.5000,
-83.6730, -8.9290

■ 254.4300, 1.6050,
-1.5550

■ 160.3290,
-96.3730, -10.0450

■ 148.7450,
-109.3480, -11.6840

■ 136.5740,
-122.0480, -12.8000

■ 131.2250,
-128.3750, -13.7750

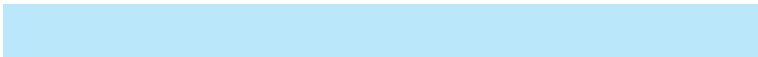
Harmonies

Analogous

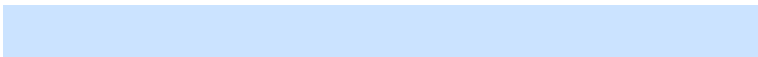
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.7940, -31.9550, -10.0910



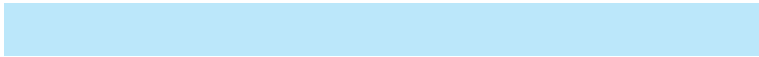
220.0100, -32.3230, -3.4190



223.0160, -23.2920, 3.6200

Triad

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



220.0100, -32.3230, -3.4190



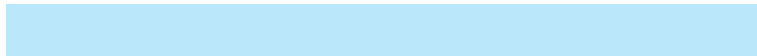
227.2680, 20.2170, 13.5690



222.0420, 8.2090, -11.1110

Complementary

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



220.0100, -32.3230, -3.4190



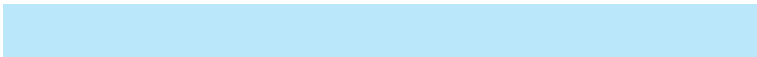
216.9900, 32.3230, 3.4190

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.



224.2610, 20.9540, -5.3020



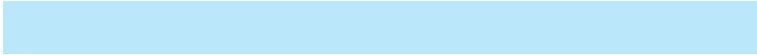
220.0100, -32.3230, -3.4190



226.0310, 25.0780, 8.0700

Square

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



220.0100, -32.3230, -3.4190



227.2650, 7.1040, 14.4320



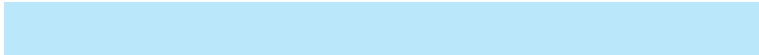
225.8970, 28.1510, 1.9350



219.9630, -7.7460, -13.8100

Rectangle

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



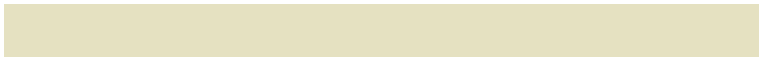
220.0100, -32.3230, -3.4190



224.5550, -14.4440, 8.4680



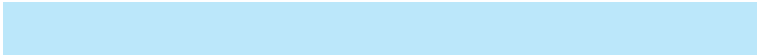
225.8970, 28.1510, 1.9350



222.5480, 12.6560, -9.1040

Sweetspot

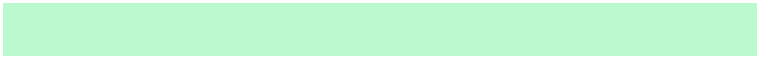
The Sweet Spot groups the original color and five complimentary colors.



220.0100, -32.3230, -3.4190



245.4980, -10.2700, -1.1020



226.1470, -23.4240, -27.0400



121.7650, -6.6480, -0.6640



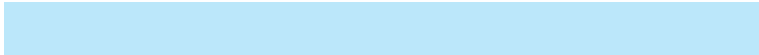
0.0000, 0.0000, 0.0000



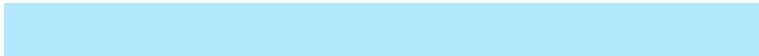
128.0000, -0.0000, -0.0000

Same Dimension

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



220.0100, -32.3230, -3.4190



218.7750, -38.9710, -4.0830



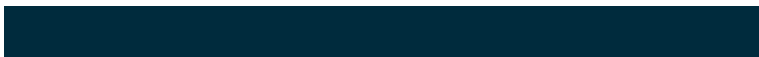
201.8130, -23.7980, 12.7940



118.7650, -6.6480, -0.6640



99.0300, -96.9690, -10.2570



32.1950, -31.4060, -3.5180

Inverse Universe

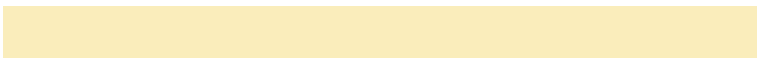
The Inverse Universe completely reimagines the original color for something new.



210.8530, 23.4240, 27.0400



207.7660, 28.2830, 32.5950



235.1870, 23.7980, -12.7940



116.9130, 4.8590, 5.5550



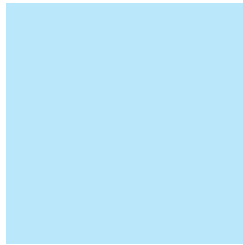
71.5590, 70.2720, 81.1200



23.1410, 22.5530, 26.3050

Previews

White Background



This preview shows how the YIQ color 220.0100, -32.3230, -3.4190 looks on a white background.

Color Contrast Check

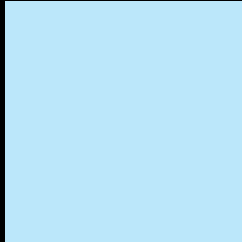
Large Text (above 18pt) WCAG AA × Fail

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 220.0100, -32.3230, -3.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

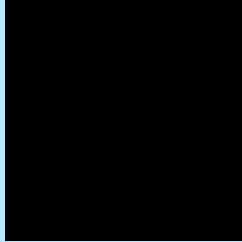
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.0100, -32.3230, -3.4190

Background



This preview shows how black text looks on a background with the YIQ color 220.0100, -32.3230, -3.4190.



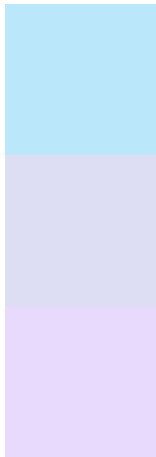
This preview shows how white text looks on a background with the YIQ color 220.0100, -32.3230, -3.4190.

-3.4190.

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

220.0100, -32.3230, -3.4190

Protanopia

224.2090, -7.6580, 6.6300

Deuteranopia

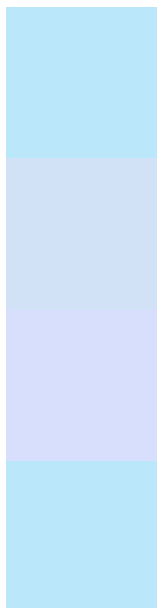
226.1760, -2.8910, 13.8530



Tritanopia

220.0100, -32.3230, -3.4190

Trichromacy



Original Color

220.0100, -32.3230, -3.4190

Protanomaly

222.6100, -16.2770, 3.1390

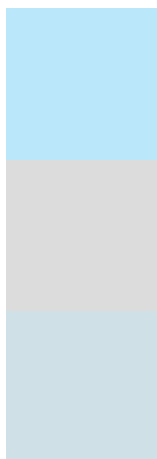
Deuteranomaly

224.2130, -13.4810, 7.5350

Tritanomaly

220.0100, -32.3230, -3.4190

Monochromacy



Original Color

220.0100, -32.3230, -3.4190

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0140, -11.7830, -1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.0100, -32.3230, -3.4190 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(187, 231, 250)` looks like.

```
.text, #text, p{  
    color:rgb(187, 231, 250)  
}
```

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(187, 231, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 231, 250) }
```

Border

The CSS property to change the border of an element to YIQ 220.0100, -32.3230, -3.4190 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(187, 231, 250) }
```


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

```
.border{ border-color:rgb(187, 231, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 231, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 231, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 231, 250);  
box-shadow:4px 4px 4px 4px rgb(187, 231,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 220.0100, -32.3230, -3.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 231, 250) }
```

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

```
.background{ background-color: rgb(187,  
231, 250) }
```

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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