

Converting Colors

YIQ(223.4410, -32.4590,
-11.9710)

Have a look what the booklet for
YIQ(223.4410, -32.4590, -11.9710)
contains.

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Color

**YIQ(223.4410, -32.4590,
-11.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F0EF
RGB	185, 240, 239
RGB Percent	73%, 94%, 94%
CMY	0.2746, 0.0587, 0.0629
CMYK	0.23, 0.00, 0.00, 0.06
HSL	179°, 65%, 83%
HSV	179°, 23%, 94%
XYZ	66.7416, 78.8740, 93.3426
YIQ	223.4410, -32.4590, -11.9710

Conversions

Conversions Part 2

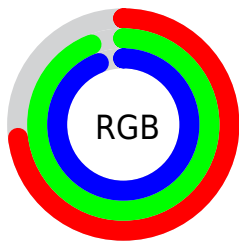
Format	Color
RYB	185, 213, 240
Decimal	12185839
CIELab	91.18, -17.56, -5.20
CIElCh	91, 18.310, 196.512
Yxy	78.8740, 0.2793, 0.3301
Android (android.graphics.Color)	4290375919 (0xFFB9F0EF)
YUV	223.4410, 7.6706, -33.7128
Hunter-Lab	88.8110, -21.2764, -0.1476

Details

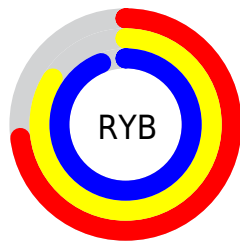
The YIQ color **223.4410, -32.4590, -11.9710** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **201.5590, 32.4590, 11.9710**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.1130, -7.7480, -2.7560**, and **167.7400, -31.8630, -11.7590** is the 20% darker color. If you saturate the color by 10%, you get **216.2650, -46.7630, -17.0590**, and if you desaturate by 10%, it is **230.6170, -18.1550, -6.8830**.

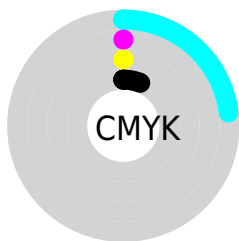
Distribution



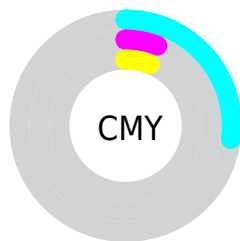
- Red (73%)
- Green (94%)
- Blue (94%)



- Red (73%)
- Yellow (84%)
- Blue (94%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.4410, -32.4590, -11.9710 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 223.4410, -32.4590, -11.9710 by changing the saturation by 10% instead.

■ 223.4410,
-32.4590, -11.9710

■ 223.4410,
-32.4590, -11.9710

255.0000, -0.0000,
-0.0000

■ 195.4410,
-32.4590, -11.9710

■ 251.1130, -7.7480,
-2.7560

■ 167.7400,
-31.8630, -11.7590

■ 141.0390,
-31.2670, -11.5470

■ 115.0390,
-31.2670, -11.5470

■ 89.4520, -30.9920,
-11.0240

■ 64.5550, -32.7800,
-11.6600

■ 40.6580, -34.5680,

-12.2960

■ 25.3500, -21.7770,
-7.3210

■ 7.1070, -7.6110,
0.2690

■ 223.4410,
-32.4590, -11.9710

■ 223.4410,
-32.4590, -11.9710

■ 216.2650,
-46.7630, -17.0590

■ 230.6170,
-18.1550, -6.8830

■ 208.9750,
-60.7460, -22.4580

■ 237.9070, -4.1720,
-1.4840

■ 201.7990,
-75.0500, -27.5460

■ 244.4850, 8.9400,
3.1800

■ 194.5090,
-89.0330, -32.9450

■ 244.5990, 8.6190,
3.4910

■ 187.3330,
-103.3370, -38.0330

■ 244.7130, 8.2980,
3.8020

■ 180.0430,
-117.3200, -43.4320

■ 244.8270, 7.9770,
4.1130

■ 172.8670,
-131.6240, -48.5200

■ 167.6700,
-141.4350, -52.4350

Harmonies

Analogous

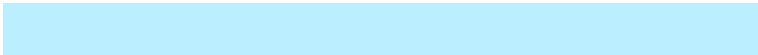
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.7920, -20.4460, -14.9260



223.4410, -32.4590, -11.9710



224.5750, -35.5320, -5.8360

Triad

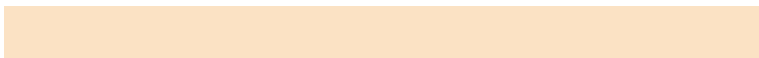
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.4410, -32.4590, -11.9710



232.5250, 3.4360, 14.8280



230.0550, 24.5300, -4.0300

Complementary

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



223.4410, -32.4590, -11.9710



201.5590, 32.4590, 11.9710

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.



229.3420, 25.4000, 2.2320



223.4410, -32.4590, -11.9710



231.3430, 15.6320, 14.0640

Square

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



223.4410, -32.4590, -11.9710



229.5830, -11.6470, 7.3370



229.2910, 21.4100, 8.4660



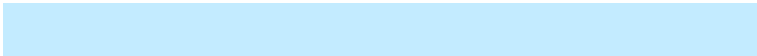
228.1950, 12.1520, -10.9840

Rectangle

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



223.4410, -32.4590, -11.9710



225.3200, -30.2600, -2.2600



229.2910, 21.4100, 8.4660



230.3050, 26.8220, -1.5140

Sweetspot

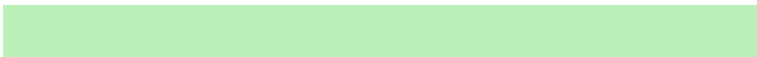
The Sweet Spot groups the original color and five complimentary colors.



223.4410, -32.4590, -11.9710



249.6180, -10.7280, -3.8160



217.8830, -13.9330, -28.3410



124.5970, -6.2350, -2.6430



0.0000, 0.0000, 0.0000



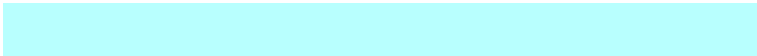
128.0000, -0.0000, -0.0000

Same Dimension

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



223.4410, -32.4590, -11.9710



233.6570, -41.9950, -15.3630



208.2930, -25.6300, 1.9380



116.4120, -7.1520, -2.5440



128.5280, -108.3800, -40.2520



39.1420, -33.0550, -12.1830

Inverse Universe

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



201.5590, 32.4590, 11.9710



205.3430, 41.9950, 15.3630



216.7070, 25.6300, -1.9380



111.5880, 7.1520, 2.5440



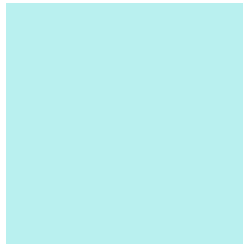
55.4720, 108.3800, 40.2520



16.8580, 33.0550, 12.1830

Previews

White Background



This preview shows how the YIQ color 223.4410, -32.4590, -11.9710 looks on a white background.

Color Contrast Check

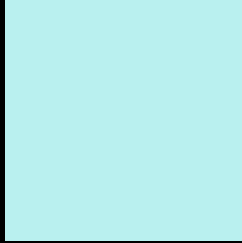
Large Text (above 18pt) WCAG AA × Fail

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 223.4410, -32.4590, -11.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

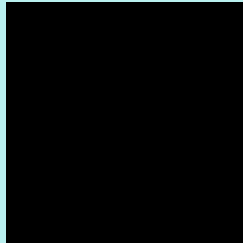
Any Text WCAG AA ✓ Pass

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 223.4410, -32.4590, -11.9710 Background



This preview shows how black text looks on a background with the YIQ color 223.4410, -32.4590, -11.9710.



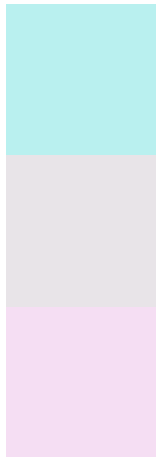
This preview shows how white text looks on a background with the YIQ color 223.4410, -32.4590, -11.9710.

-11.9710.

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

223.4410, -32.4590, -11.9710

Protanopia

229.6520, 1.1000, 2.0920

Deuteranopia

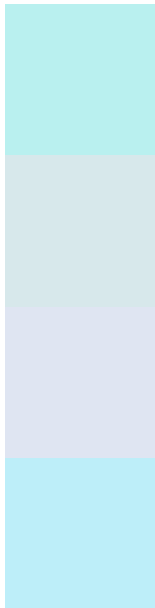
231.2710, 6.9670, 11.4070



Tritanopia

225.2980, -33.1940, -4.1540

Trichromacy



Original Color

223.4410, -32.4590, -11.9710

Protanomaly

227.2590, -11.0950, -2.6710

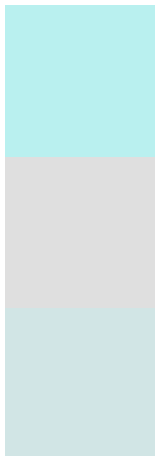
Deuteranomaly

228.6880, -7.7490, 2.7710

Tritanomaly

224.6030, -32.7350, -6.9670

Monochromacy



Original Color

223.4410, -32.4590, -11.9710

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.0200, -11.9200, -4.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.4410, -32.4590, -11.9710 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(185, 240, 239)` looks like.

```
.text, #text, p{  
    color:rgb(185, 240, 239)  
}
```

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(185, 240, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 240, 239) }
```

Border

The CSS property to change the border of an element to YIQ 223.4410, -32.4590, -11.9710 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(185, 240, 239) }
```


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

```
.border{ border-color:rgb(185, 240, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 240, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 240, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 240, 239);  
box-shadow:4px 4px 4px 4px rgb(185, 240,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 223.4410, -32.4590, -11.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 240, 239) }
```

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

```
.background{ background-color: rgb(185,  
240, 239) }
```

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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