

Converting Colors

YIQ(225.9250, -30.9460,
-11.8580)

Have a look what the booklet for
YIQ(225.9250, -30.9460, -11.8580)
contains.

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Color

**YIQ(225.9250, -30.9460,
-11.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF2F0</code>
RGB	189, 242, 240
RGB Percent	74%, 95%, 94%
CMY	0.2589, 0.0509, 0.0589
CMYK	0.22, 0.00, 0.01, 0.05
HSL	178°, 67%, 85%
HSV	178°, 22%, 95%
XYZ	68.4606, 80.6216, 94.3673
YIQ	225.9250, -30.9460, -11.8580

Conversions

Conversions Part 2

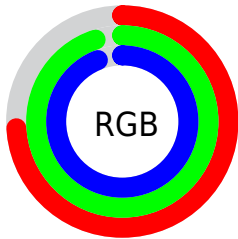
Format	Color
R _{YB}	189, 216, 242
Decimal	12448496
CIE _{Lab}	91.96, -17.16, -4.54
CIE _{LCh}	92, 17.750, 194.826
Y _{xy}	80.6216, 0.2812, 0.3312
Android (android.graphics.Color)	4290638576 (0xFFBDF2F0)
Y _{UV}	225.9250, 6.9390, -32.3832
Hunter-Lab	89.7895, -21.0333, 0.5399

Details

The YIQ color **225.9250, -30.9460, -11.8580** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **205.0750, 30.9460, 11.8580**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, -5.3640, -1.9080**, and **170.2240, -30.3500, -11.6460** is the 20% darker color. If you saturate the color by 10%, you get **218.6350, -44.9290, -17.2570**, and if you desaturate by 10%, it is **233.2150, -16.9630, -6.4590**.

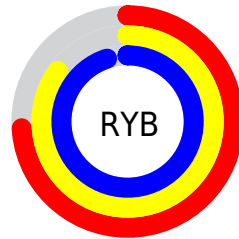
Distribution



Red (74%)

Green (95%)

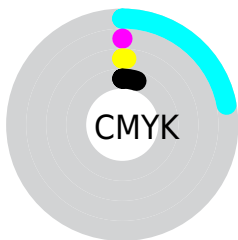
Blue (94%)



Red (74%)

Yellow (85%)

Blue (95%)

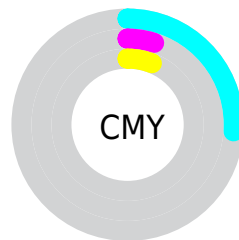


Cyan (22%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.9250, -30.9460, -11.8580 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 225.9250, -30.9460, -11.8580 by changing the saturation by 10% instead.

■ 225.9250,
-30.9460, -11.8580

■ 225.9250,
-30.9460, -11.8580

255.0000, -0.0000,
-0.0000

■ 197.9250,
-30.9460, -11.8580

■ 252.3090, -5.3640,
-1.9080

■ 170.2240,
-30.3500, -11.6460

■ 143.5230,
-29.7540, -11.4340

■ 117.5230,
-29.7540, -11.4340

■ 91.9360, -29.4790,
-10.9110

■ 67.6370, -30.0750,
-11.1230

■ 42.2450, -34.8430,

-12.8190

■ 26.5240, -22.3270,
-8.3670

■ 10.1560, -9.3070,
-2.0350

■ 225.9250,
-30.9460, -11.8580

■ 225.9250,
-30.9460, -11.8580

■ 218.6350,
-44.9290, -17.2570

■ 233.2150,
-16.9630, -6.4590

■ 211.3450,
-58.9120, -22.6560

■ 240.5050, -2.9800,
-1.0600

■ 203.7560,
-73.4910, -28.2670

■ 246.0010, 7.4270,
3.0670

■ 196.4660,
-87.4740, -33.6660

■ 246.1150, 7.1060,
3.3780

■ 189.1760,
-101.4570, -39.0650

■ 246.2290, 6.7850,
3.6890

■ 181.8860,
-115.4400, -44.4640

■ 246.3430, 6.4640,
4.0000

■ 174.5960,
-129.4230, -49.8630

■ 246.4570, 6.1430,
4.3110

■ 168.6160,
-141.3430, -54.1030

■ 246.5710, 5.8220,
4.6220

Harmonies

Analogous

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



226.2760, -18.9330, -14.8130



225.9250, -30.9460, -11.8580



226.7600, -34.6150, -5.9350

Triad

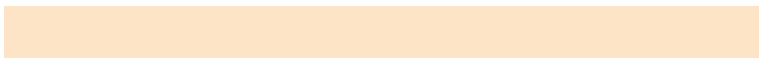
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.9250, -30.9460, -11.8580



234.4000, 2.2900, 13.5700



232.4680, 24.8050, -3.5070

Complementary

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



225.9250, -30.9460, -11.8580



205.0750, 30.9460, 11.8580

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.



230.9720, 23.5660, 2.4300



225.9250, -30.9460, -11.8580



233.4460, 13.8440, 13.4280

Square

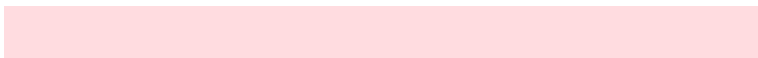
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.9250, -30.9460, -11.8580



231.6430, -11.8760, 5.9800



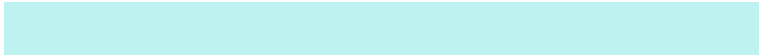
230.9210, 19.5760, 8.6640



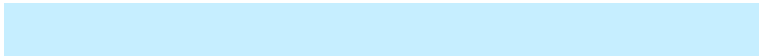
230.3200, 13.2980, -9.7260

Rectangle

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



225.9250, -30.9460, -11.8580



227.9780, -29.2970, -3.1930



230.9210, 19.5760, 8.6640



231.9350, 24.9880, -1.3160

Sweetspot

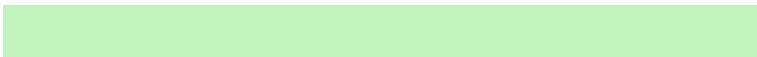
The Sweet Spot groups the original color and five complimentary colors.



225.9250, -30.9460, -11.8580



249.5040, -10.4070, -4.1270



221.0080, -12.7870, -27.0830



124.5970, -6.2350, -2.6430



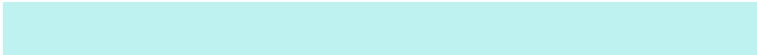
0.0000, 0.0000, 0.0000



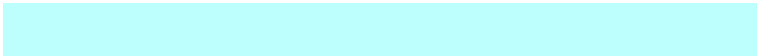
128.0000, -0.0000, -0.0000

Same Dimension

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



225.9250, -30.9460, -11.8580



234.9240, -38.3730, -14.9250



212.0650, -24.9880, 1.3160



116.2980, -6.8310, -2.8550



128.0720, -107.0960, -41.4960



39.0280, -32.7340, -12.4940

Inverse Universe

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



205.0750, 30.9460, 11.8580



208.9620, 38.6940, 14.6140



218.9350, 24.9880, -1.3160



111.5880, 7.1520, 2.5440



55.8140, 107.4170, 41.1850



16.9720, 32.7340, 12.4940

Previews

White Background



This preview shows how the YIQ color 225.9250, -30.9460, -11.8580 looks on a white background.

Color Contrast Check

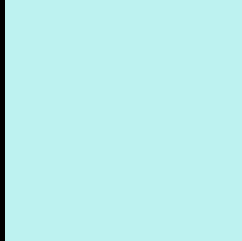
Large Text (above 18pt) WCAG AA × Fail

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 225.9250, -30.9460, -11.8580 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 225.9250, -30.9460, -11.8580 Background



This preview shows how black text looks on a background with the YIQ color 225.9250, -30.9460, -11.8580.



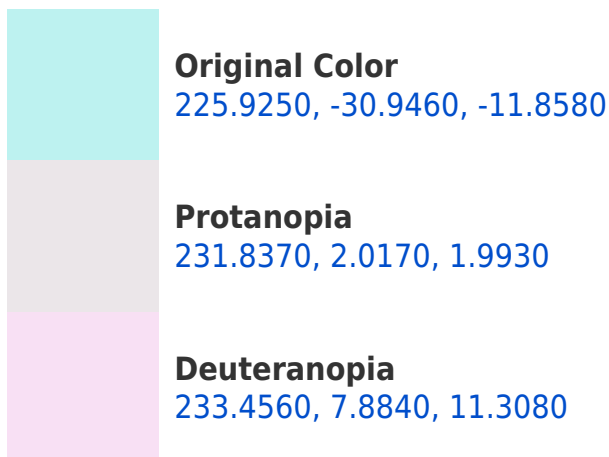
This preview shows how white text looks on a background with the YIQ color 225.9250, -30.9460, -11.8580.

-11.8580.

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

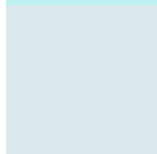
227.9780, -29.2970, -3.1930

Trichromacy



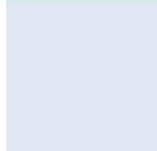
Original Color

225.9250, -30.9460, -11.8580



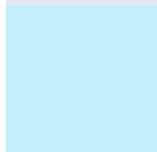
Protanomaly

229.4440, -10.1780, -2.7700



Deuteranomaly

231.1720, -6.2360, 2.8840



Tritanomaly

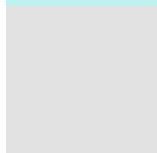
227.0980, -29.7550, -5.9070

Monochromacy



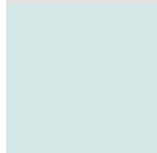
Original Color

225.9250, -30.9460, -11.8580



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

226.2050, -11.0030, -4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.9250, -30.9460, -11.8580 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(189, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(189, 242, 240)  
}
```

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(189, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 242, 240) }
```

Border

The CSS property to change the border of an element to YIQ 225.9250, -30.9460, -11.8580 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(189, 242, 240) }
```


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

```
.border{ border-color:rgb(189, 242, 240) }
```

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

Here you see how a box with a 4 pixel rgb(189, 242, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(189, 242,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 225.9250, -30.9460, -11.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 242, 240) }
```

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

```
.background{ background-color: rgb(189,  
242, 240) }
```

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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