

Converting Colors

YIQ(230.9410, -27.8750,
-6.9390)

Have a look what the booklet for
YIQ(230.9410, -27.8750, -6.9390)
contains.

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Color

**YIQ(230.9410, -27.8750,
-6.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F3FA
RGB	200, 243, 250
RGB Percent	78%, 95%, 98%
CMY	0.2158, 0.0470, 0.0197
CMYK	0.20, 0.03, 0.00, 0.02
HSL	188°, 83%, 88%
HSV	188°, 20%, 98%
XYZ	73.1194, 83.2882, 102.6406
YIQ	230.9410, -27.8750, -6.9390

Conversions

Conversions Part 2

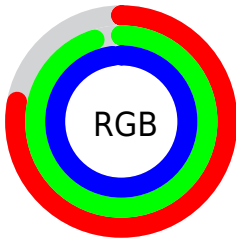
Format	Color
R_{YB}	200, 223, 250
Decimal	13169658
CIE Lab	93.14, -12.29, -7.93
CIE LCh	93, 14.626, 212.830
Yxy	83.2882, 0.2823, 0.3215
Android (android.graphics.Color)	4291359738 (0xFFC8F3FA)
YUV	230.9410, 9.3961, -27.1353
Hunter-Lab	91.2624, -16.6949, -2.7984

Details

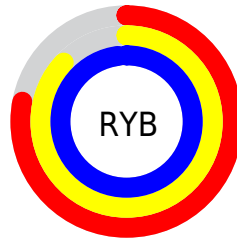
The YIQ color **230.9410, -27.8750, -6.9390** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **219.0590, 27.8750, 6.9390**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.2400, -27.2790, -6.7270** is the 20% darker color. If you saturate the color by 10%, you get **221.7050, -41.9500, -10.6700**, and if you desaturate by 10%, it is **240.1770, -13.8000, -3.2080**.

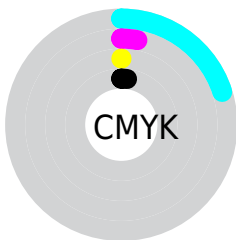
Distribution



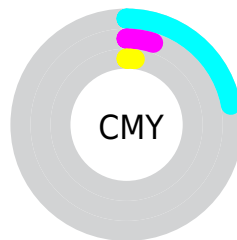
- Red (78%)
- Green (95%)
- Blue (98%)



- Red (78%)
- Yellow (87%)
- Blue (98%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.9410, -27.8750, -6.9390 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 230.9410, -27.8750, -6.9390 by changing the saturation by 10% instead.

■ 230.9410,
-27.8750, -6.9390

■ 230.9410,
-27.8750, -6.9390

■ 255.0000, -0.0000,
-0.0000

■ 202.8270,
-27.5540, -7.2500

■ 175.2400,
-27.2790, -6.7270

■ 148.4250,
-26.3620, -6.8260

■ 122.4250,
-26.3620, -6.8260

■ 96.8380, -26.0870,
-6.3030

■ 72.7240, -25.7660,
-6.6140

■ 48.8270, -27.5540,

-7.2500

■ 27.9090, -24.8490,
-6.7130

■ 13.8890, -12.9290,
-2.4730

■ 230.9410,
-27.8750, -6.9390

■ 230.9410,
-27.8750, -6.9390

■ 221.7050,
-41.9500, -10.6700

■ 240.1770,
-13.8000, -3.2080

■ 211.8820,
-55.7500, -13.8780

■ 250.0000, 0.0000,
0.0000

■ 202.6460,
-69.8250, -17.6090

■ 253.2560, 2.1550,
-0.5090

■ 192.8230,
-83.6250, -20.8170

■ 254.4300, 1.6050,
-1.5550

■ 183.5870,
-97.7000, -24.5480

■ 173.7640,
-111.5000, -27.7560

■ 164.5280,
-125.5750, -31.4870

■ 154.7050,
-139.3750, -34.6950

Harmonies

Analogous

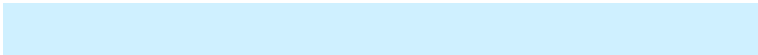
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.8290, -21.8680, -11.1800



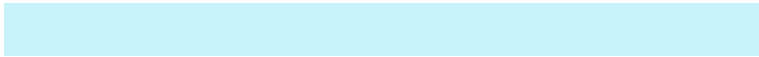
230.9410, -27.8750, -6.9390



231.8430, -24.4830, -2.3310

Triad

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



230.9410, -27.8750, -6.9390



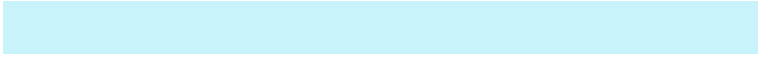
237.7660, 9.9470, 12.4670



235.0970, 15.5440, -6.3760

Complementary

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



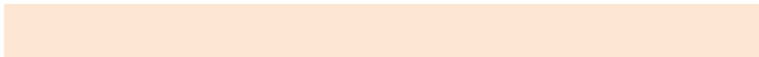
230.9410, -27.8750, -6.9390



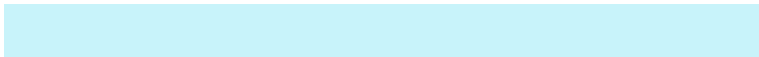
219.0590, 27.8750, 6.9390

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.



235.3090, 20.9990, -0.6090



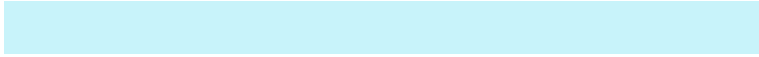
230.9410, -27.8750, -6.9390



235.5830, 14.7160, 8.6360

Square

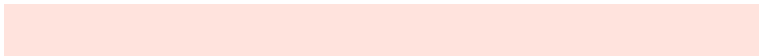
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.9410, -27.8750, -6.9390



236.4270, -2.3400, 9.3720



234.6880, 18.6140, 4.0700



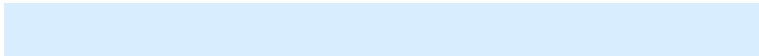
233.1170, 3.6240, -10.6160

Rectangle

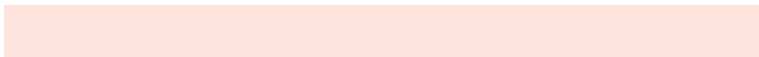
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



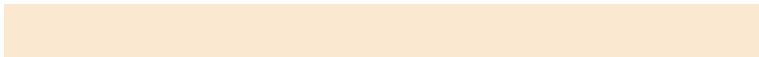
230.9410, -27.8750, -6.9390



233.3600, -18.5690, 0.6230



234.6880, 18.6140, 4.0700



235.2330, 18.1570, -4.1710

Sweetspot

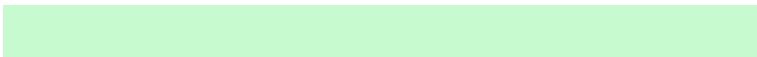
The Sweet Spot groups the original color and five complimentary colors.



230.9410, -27.8750, -6.9390



249.3410, -8.3900, -2.1340



230.1480, -15.9970, -23.9730



124.1350, -4.8140, -0.8620



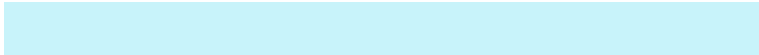
0.0000, 0.0000, 0.0000



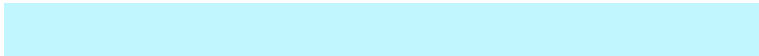
128.0000, -0.0000, -0.0000

Same Dimension

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



230.9410, -27.8750, -6.9390



231.4780, -33.8810, -8.2250



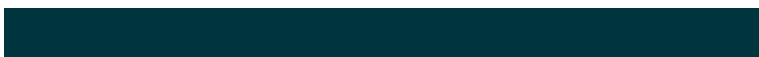
216.2660, -21.0000, 6.1360



119.9390, -7.1980, -1.7100



116.6400, -105.2190, -25.9470



38.0650, -34.1560, -8.7480

Inverse Universe

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



219.8520, 15.9970, 23.9730



218.1670, 19.6640, 29.1040



233.7340, 21.0000, -6.1360



117.1410, 4.2170, 6.1770



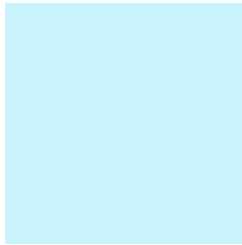
74.9790, 60.6420, 90.4500



24.2810, 19.3430, 29.4150

Previews

White Background



This preview shows how the YIQ color 230.9410, -27.8750, -6.9390 looks on a white background.

Color Contrast Check

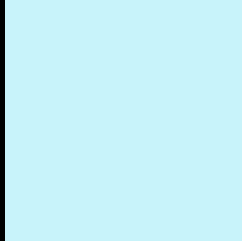
Large Text (above 18pt) WCAG AA × Fail

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 230.9410, -27.8750, -6.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

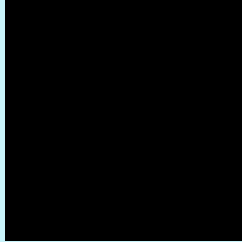
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 230.9410, -27.8750, -6.9390

Background



This preview shows how black text looks on a background with the YIQ color 230.9410, -27.8750, -6.9390.



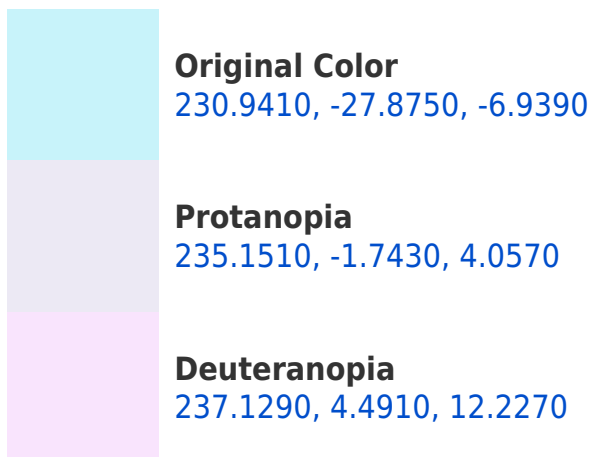
This preview shows how white text looks on a background with the YIQ color 230.9410, -27.8750, -6.9390.

-6.9390.

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

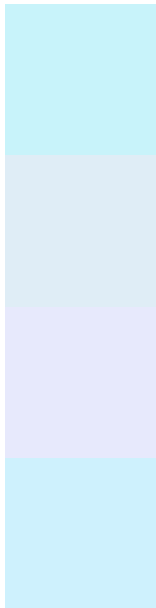




Tritanopia

232.7400, -22.6950, -1.6950

Trichromacy



Original Color

230.9410, -27.8750, -6.9390

Protanomaly

233.8400, -11.2330, -0.1690

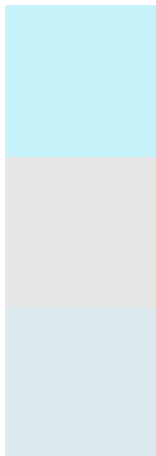
Deuteranomaly

234.5680, -7.2910, 5.4850

Tritanomaly

231.9030, -24.7120, -3.6880

Monochromacy



Original Color

230.9410, -27.8750, -6.9390

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.8570, -9.9030, -2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.9410, -27.8750, -6.9390 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(200, 243, 250)` looks like.

```
.text, #text, p{  
    color:rgb(200, 243, 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(200, 243, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 243, 250) }
```

Border

The CSS property to change the border of an element to YIQ 230.9410, -27.8750, -6.9390 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(200, 243, 250) }
```


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

```
.border{ border-color:rgb(200, 243, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 243, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 243, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 243, 250);  
box-shadow:4px 4px 4px 4px rgb(200, 243,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 230.9410, -27.8750, -6.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 243, 250) }
```

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

```
.background{ background-color: rgb(200,  
243, 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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