

Converting Colors

YIQ(228.5410, -20.9970,
-10.4450)

Have a look what the booklet for
YIQ(228.5410, -20.9970, -10.4450)
contains.

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Color

**YIQ(228.5410, -20.9970,
-10.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF1EA
RGB	202, 241, 234
RGB Percent	79%, 95%, 92%
CMY	0.2079, 0.0548, 0.0824
CMYK	0.16, 0.00, 0.03, 0.05
HSL	169°, 58%, 87%
HSV	169°, 16%, 95%
XYZ	70.6590, 81.4128, 89.8170
YIQ	228.5410, -20.9970, -10.4450

Conversions

Conversions Part 2

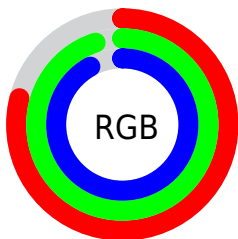
Format	Color
R _Y B	202, 223, 241
Decimal	13300202
CIE Lab	92.32, -13.93, -0.82
CIE LCh	92, 13.953, 183.368
Yxy	81.4128, 0.2921, 0.3366
Android (android.graphics.Color)	4291490282 (0xFFCAF1EA)
YUV	228.5410, 2.6913, -23.2765
Hunter-Lab	90.2290, -18.1162, 4.1410

Details

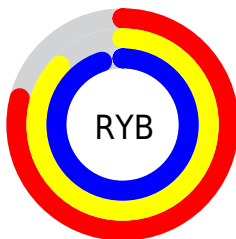
The YIQ color **228.5410, -20.9970, -10.4450** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **214.4590, 20.9970, 10.4450**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **172.8400, -20.4010, -10.2330** is the 20% darker color. If you saturate the color by 10%, you get **220.9090, -34.0170, -16.7770**, and if you desaturate by 10%, it is **236.1730, -7.9770, -4.1130**.

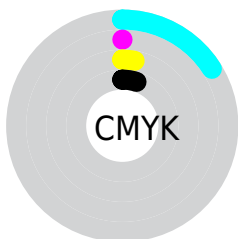
Distribution



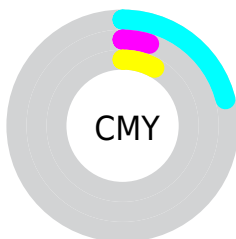
- Red (79%)
- Green (95%)
- Blue (92%)



- Red (79%)
- Yellow (87%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.5410, -20.9970, -10.4450 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 228.5410, -20.9970, -10.4450 by changing the saturation by 10% instead.

■ 228.5410,
-20.9970, -10.4450

■ 228.5410,
-20.9970, -10.4450

255.0000, -0.0000,
-0.0000

■ 200.5410,
-20.9970, -10.4450

■ 172.8400,
-20.4010, -10.2330

■ 146.2530,
-20.1260, -9.7100

■ 120.5520,
-19.5300, -9.4980

■ 95.5520, -19.5300,
-9.4980

■ 71.2640, -18.6590,
-8.7630

■ 48.2640, -18.6590,

-8.7630

■ 26.0790, -19.5760,
-8.6640

■ 9.9450, -7.3350,
-4.7350

■ 228.5410,
-20.9970, -10.4450

■ 228.5410,
-20.9970, -10.4450

■ 220.9090,
-34.0170, -16.7770

■ 236.1730, -7.9770,
-4.1130

■ 213.1630,
-46.7160, -23.4200

■ 243.9190, 4.7220,
2.5300

■ 205.5310,
-59.7360, -29.7520

■ 245.8700, 6.4180,
4.8340

■ 197.8990,
-72.7560, -36.0840

■ 246.3260, 5.1340,
6.0780

■ 189.8540,
-86.0510, -42.9390

■ 246.7820, 3.8500,
7.3220

■ 182.2220,
-99.0710, -49.2710

■ 174.5900,
-112.0910, -55.6030

■ 166.8440,
-124.7900, -62.2460

■ 164.0390,
-129.8330, -64.4650

Harmonies

Analogous

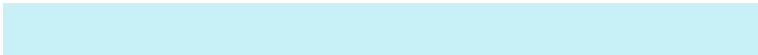
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.4620, -10.5890, -11.8450



228.5410, -20.9970, -10.4450



228.5390, -26.6830, -6.5150

Triad

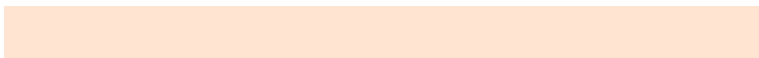
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.5410, -20.9970, -10.4450



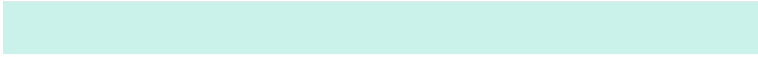
234.6550, -2.9820, 9.9940



233.9070, 22.1910, -0.1850

Complementary

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



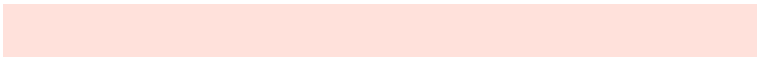
228.5410, -20.9970, -10.4450



214.4590, 20.9970, 10.4450

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.



233.2860, 19.8060, 4.4940



228.5410, -20.9970, -10.4450



235.3530, 9.6720, 11.9440

Square

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



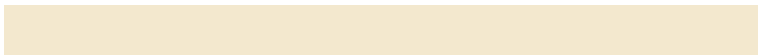
228.5410, -20.9970, -10.4450



232.5070, -14.4890, 3.7750



234.1810, 15.9080, 9.0600



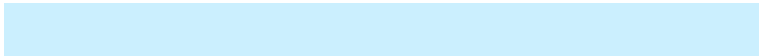
232.3250, 14.9020, -5.7540

Rectangle

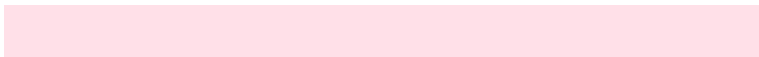
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



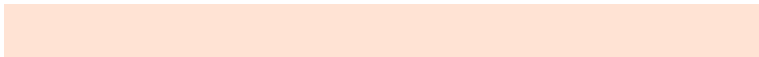
228.5410, -20.9970, -10.4450



229.9460, -26.2710, -2.9670



234.1810, 15.9080, 9.0600



233.6620, 21.5030, 1.2710

Sweetspot

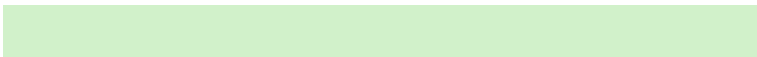
The Sweet Spot groups the original color and five complimentary colors.



228.5410, -20.9970, -10.4450



250.8850, -7.1060, -3.3780



226.9860, -6.5530, -18.9130



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



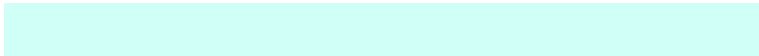
128.0000, -0.0000, -0.0000

Same Dimension

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



228.5410, -20.9970, -10.4450



239.6220, -25.7190, -12.9750



222.2950, -19.9440, -1.9920



116.1840, -6.5100, -3.1660



125.1080, -98.7500, -49.5820



38.1160, -30.1660, -14.9820

Inverse Universe

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



214.4590, 20.9970, 10.4450



222.2640, 26.0400, 12.6640



220.7050, 19.9440, 1.9920



111.8160, 6.5100, 3.1660



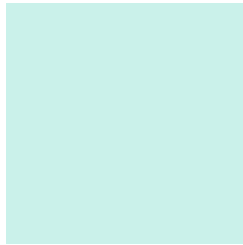
58.7780, 99.0710, 49.2710



17.8840, 30.1660, 14.9820

Previews

White Background



This preview shows how the YIQ color 228.5410, -20.9970, -10.4450 looks on a white background.

Color Contrast Check

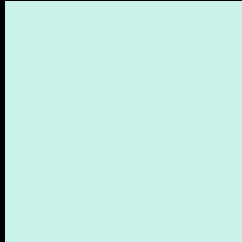
Large Text (above 18pt) WCAG AA × Fail

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 228.5410, -20.9970, -10.4450 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

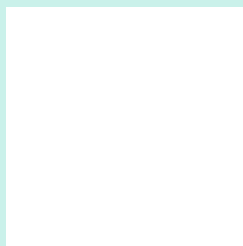
Any Text WCAG AAA ✓ Pass

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

YIQ 228.5410, -20.9970, -10.4450 Background



This preview shows how black text looks on a background with the YIQ color 228.5410, -20.9970, -10.4450.



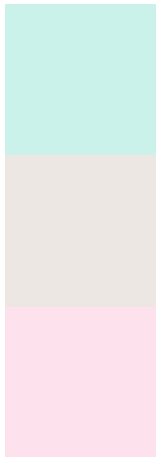
This preview shows how white text looks on a background with the YIQ color 228.5410, -20.9970, -10.4450.

-10.4450.

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

228.5410, -20.9970, -10.4450

Protanopia

232.4520, 4.5390, 0.3390

Deuteranopia

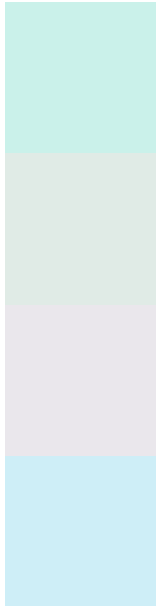
234.7400, 12.8360, 9.6680



Tritanopia

230.3810, -23.0620, -0.5500

Trichromacy



Original Color

228.5410, -20.9970, -10.4450

Protanomaly

231.1410, -4.9510, -3.8870

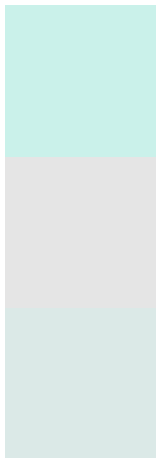
Deuteranomaly

232.4670, 0.1830, 2.1910

Tritanomaly

229.4580, -21.9610, -3.9850

Monochromacy



Original Color

228.5410, -20.9970, -10.4450

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.5860, -7.7020, -3.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.5410, -20.9970, -10.4450 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(202, 241, 234)` looks like.

```
.text, #text, p{  
    color:rgb(202, 241, 234)  
}
```

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(202, 241, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 241, 234) }
```

Border

The CSS property to change the border of an element to YIQ 228.5410, -20.9970, -10.4450 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(202, 241, 234) }
```


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

```
.border{ border-color:rgb(202, 241, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 241, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 241, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 241, 234);  
box-shadow:4px 4px 4px 4px rgb(202, 241,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 228.5410, -20.9970, -10.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 241, 234) }
```

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

```
.background{ background-color: rgb(202,  
241, 234) }
```

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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