

Converting Colors

YIQ(217.7280, -14.3940,
-14.4740)

Have a look what the booklet for
YIQ(217.7280, -14.3940, -14.4740)
contains.

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Color

**YIQ(217.7280, -14.3940,
-14.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E7D1
RGB	195, 231, 209
RGB Percent	76%, 91%, 82%
CMY	0.2354, 0.0940, 0.1804
CMYK	0.16, 0.00, 0.10, 0.09
HSL	143°, 43%, 84%
HSV	143°, 16%, 91%
XYZ	62.5866, 73.3619, 71.1766
YIQ	217.7280, -14.3940, -14.4740

Conversions

Conversions Part 2

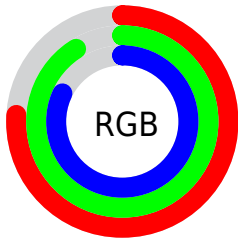
Format	Color
RYB	195, 221, 231
Decimal	12838865
CIELab	88.62, -15.95, 6.80
CIELCh	89, 17.344, 156.903
Yxy	73.3619, 0.3022, 0.3542
Android (android.graphics.Color)	4291028945 (0xFFC3E7D1)
YUV	217.7280, -4.3029, -19.9325
Hunter-Lab	85.6516, -19.4582, 10.6860

Details

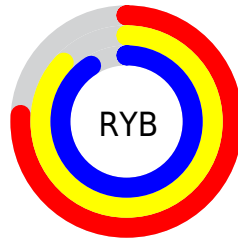
The YIQ color $217.7280, -14.3940, -14.4740$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $208.2720, 14.3940, 14.4740$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, -1.7880, -0.6360$, and $162.5540, -13.8440, -13.4280$ is the 20% darker color. If you saturate the color by 10%, you get $209.2550, -23.6080, -23.7040$, and if you desaturate by 10%, it is $226.2010, -5.1800, -5.2440$.

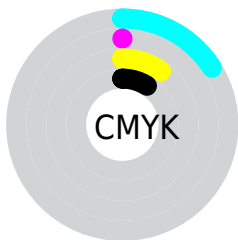
Distribution



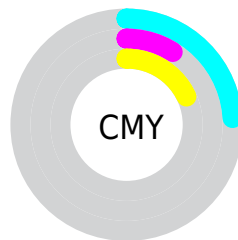
- Red (76%)
- Green (91%)
- Blue (82%)



- Red (76%)
- Yellow (87%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.7280, -14.3940, -14.4740 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 217.7280, -14.3940, -14.4740 by changing the saturation by 10% instead.

■ 217.7280,
-14.3940, -14.4740

■ 217.7280,
-14.3940, -14.4740

■ 255.0000, -0.0000,
-0.0000

■ 190.0270,
-13.7980, -14.2620

■ 254.1030, -1.7880,
-0.6360

■ 162.5540,
-13.8440, -13.4280

■ 136.5540,
-13.8440, -13.4280

■ 110.9670,
-13.5690, -12.9050

■ 86.2660, -12.9730,
-12.6930

■ 62.7930, -13.0190,
-11.8590

■ 40.2060, -12.7440,

-11.3360

■ 19.2060, -12.7440,
-11.3360

■ 0.0000, 0.0000,
0.0000

■ 217.7280,
-14.3940, -14.4740

■ 217.7280,
-14.3940, -14.4740

■ 209.2550,
-23.6080, -23.7040

■ 226.2010, -5.1800,
-5.2440

■ 200.7820,
-32.8220, -32.9340

■ 234.6740, 4.0340,
3.9860

■ 192.3090,
-42.0360, -42.1640

■ 240.4560, 7.8840,
11.3080

■ 183.8360,
-51.2500, -51.3940

■ 240.9120, 6.6000,
12.5520

■ 174.9500,
-60.7390, -61.1470

■ 166.4770,
-69.9530, -70.3770

■ 158.0040,
-79.1670, -79.6070

■ 149.5310,
-88.3810, -88.8370

■ 145.8570,
-92.4150, -92.8230

Harmonies

Analogous

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



219.8670, 1.3320, -13.1320



217.7280, -14.3940, -14.4740



216.3660, -27.8740, -12.4660

Triad

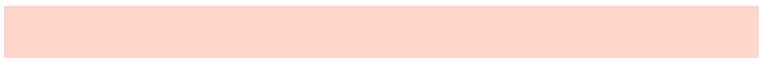
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.7280, -14.3940, -14.4740



222.4620, -18.6160, 6.9840



224.4180, 28.2420, 5.7940

Complementary

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



217.7280, -14.3940, -14.4740



208.2720, 14.3940, 14.4740

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.



225.0680, 23.6560, 11.8160



217.7280, -14.3940, -14.4740



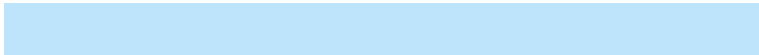
224.5350, -2.5240, 12.7080

Square

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



217.7280, -14.3940, -14.4740



219.3740, -30.3520, -0.5920



226.0870, 13.4770, 14.5730



223.2340, 25.5840, -1.1040

Rectangle

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



217.7280, -14.3940, -14.4740



217.0220, -32.5970, -9.4690



226.0870, 13.4770, 14.5730



224.4010, 26.9120, 7.8720

Sweetspot

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



217.7280, -14.3940, -14.4740



250.2010, -5.1800, -5.2440



222.7100, 3.2120, -14.1640



125.0380, -3.1630, -3.2510



0.0000, 0.0000, 0.0000



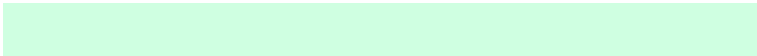
128.0000, -0.0000, -0.0000

Same Dimension

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



217.7280, -14.3940, -14.4740



237.2280, -18.9780, -19.5060



219.7800, -20.1720, -8.8760



110.6140, -4.9050, -4.7210



112.9390, -71.3740, -72.1580



32.2170, -20.4450, -20.4530

Inverse Universe

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



208.2720, 14.3940, 14.4740



224.6580, 19.2990, 19.1950



206.2200, 20.1720, 8.8760



107.3860, 4.9050, 4.7210



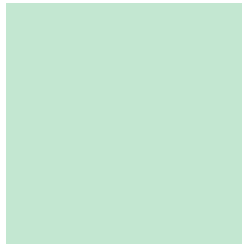
65.9470, 71.6950, 71.8470



18.7830, 20.4450, 20.4530

Previews

White Background



This preview shows how the YIQ color 217.7280, -14.3940, -14.4740 looks on a white background.

Color Contrast Check

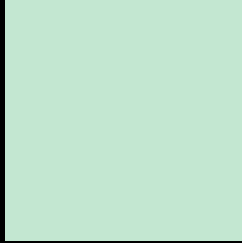
Large Text (above 18pt) WCAG AA × Fail

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 217.7280, -14.3940, -14.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

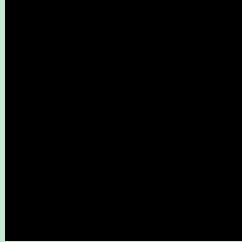
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

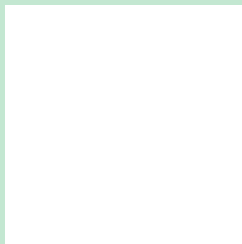
Any Text WCAG AAA ✓ Pass

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

YIQ 217.7280, -14.3940, -14.4740 Background



This preview shows how black text looks on a background with the YIQ color 217.7280, -14.3940, -14.4740.



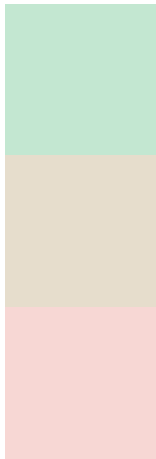
This preview shows how white text looks on a background with the YIQ color 217.7280, -14.3940, -14.4740.

-14.4740.

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

217.7280, -14.3940, -14.4740

Protanopia

221.7530, 10.8210, -3.3790

Deuteranopia

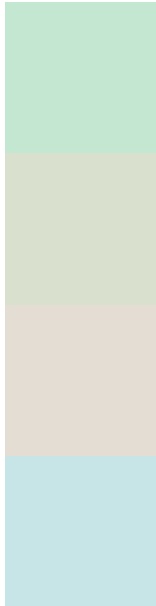
224.2260, 20.0350, 5.8510



Tritanopia

220.5770, -20.6780, 0.2980

Trichromacy



Original Color

217.7280, -14.3940, -14.4740

Protanomaly

220.4420, 1.3310, -7.6050

Deuteranomaly

221.9530, 7.3820, -1.6260

Tritanomaly

219.6710, -18.2470, -5.2150

Monochromacy



Original Color

217.7280, -14.3940, -14.4740

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.2010, -5.1800, -5.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.7280, -14.3940, -14.4740 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(195, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(195, 231, 209)  
}
```

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(195, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 231, 209) }
```

Border

The CSS property to change the border of an element to YIQ 217.7280, -14.3940, -14.4740 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(195, 231, 209) }
```


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

```
.border{ border-color:rgb(195, 231, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(195, 231,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 217.7280, -14.3940, -14.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 231, 209) }
```

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

```
.background{ background-color: rgb(195,  
231, 209) }
```

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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