

Converting Colors

YIQ(224.2550, -14.4400,
-13.6400)

Have a look what the booklet for
YIQ(224.2550, -14.4400, -13.6400)
contains.

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Color

**YIQ(224.2550, -14.4400,
-13.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	CAEDD9
RGB	202, 237, 217
RGB Percent	79%, 93%, 85%
CMY	0.2079, 0.0705, 0.1491
CMYK	0.15, 0.00, 0.08, 0.07
HSL	146°, 49%, 86%
HSV	146°, 15%, 93%
XYZ	67.1619, 78.1392, 77.1809
YIQ	224.2550, -14.4400, -13.6400

Conversions

Conversions Part 2

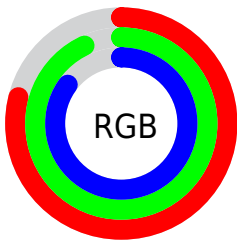
Format	Color
R_{YB}	202, 227, 237
Decimal	13299161
CIE Lab	90.84, -15.19, 5.89
CIE LCh	91, 16.286, 158.809
Yxy	78.1392, 0.3019, 0.3512
Android (android.graphics.Color)	4291489241 (0xFFCAEDD9)
YUV	224.2550, -3.5767, -19.5176
Hunter-Lab	88.3964, -19.0727, 10.1100

Details

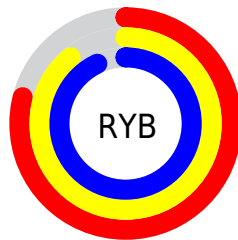
The YIQ color $224.2550, -14.4400, -13.6400$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.7450, 14.4400, 13.6400$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.9670, -13.5690, -12.9050$ is the 20% darker color. If you saturate the color by 10%, you get $215.4830, -24.2500, -23.0820$, and if you desaturate by 10%, it is $233.0270, -4.6300, -4.1980$.

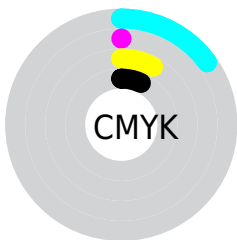
Distribution



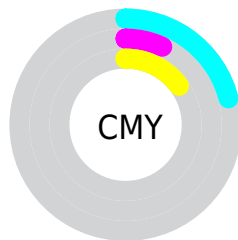
- Red (79%)
- Green (93%)
- Blue (85%)



- Red (79%)
- Yellow (89%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.2550, -14.4400, -13.6400 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 224.2550, -14.4400, -13.6400 by changing the saturation by 10% instead.

■ 224.2550,
-14.4400, -13.6400

■ 224.2550,
-14.4400, -13.6400

255.0000, -0.0000,
-0.0000

■ 196.2550,
-14.4400, -13.6400

■ 168.9670,
-13.5690, -12.9050

■ 142.3800,
-13.2940, -12.3820

■ 116.4940,
-13.6150, -12.0710

■ 91.7930, -13.0190,
-11.8590

■ 68.2060, -12.7440,
-11.3360

■ 45.6190, -12.4690,

-10.8130

■ 23.8470, -13.1110,
-10.1910

■ 3.5220, -1.6500,
-3.1380

■ 224.2550,
-14.4400, -13.6400

■ 224.2550,
-14.4400, -13.6400

■ 215.4830,
-24.2500, -23.0820

■ 233.0270, -4.6300,
-4.1980

■ 207.1240,
-33.7850, -32.0010

■ 241.3860, 4.9050,
4.7210

■ 198.3520,
-43.5950, -41.4430

■ 244.4340, 4.9500,
9.4140

■ 189.6940,
-53.7260, -50.5740

■ 180.9220,
-63.5360, -60.0160

■ 172.5630,
-73.0710, -68.9350

■ 163.7910,
-82.8810, -78.3770

■ 155.1330,
-93.0120, -87.5080

■ 150.7470,
-97.9170, -92.2290

Harmonies

Analogous

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



226.0950, 0.6900, -12.5100



224.2550, -14.4400, -13.6400



223.3770, -26.4070, -11.5190

Triad

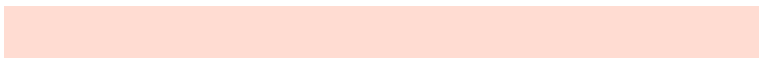
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.2550, -14.4400, -13.6400



228.6750, -14.9020, 5.7540



229.3250, 24.0700, 4.3100

Complementary

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



224.2550, -14.4400, -13.6400



214.7450, 14.4400, 13.6400

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.



229.8610, 19.8050, 10.0210



224.2550, -14.4400, -13.6400



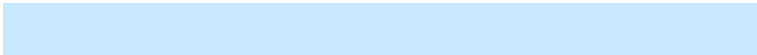
230.9050, -0.6900, 12.5100

Square

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



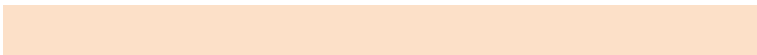
224.2550, -14.4400, -13.6400



225.6410, -26.7300, -0.1540



231.5600, 13.5230, 13.7390



229.6360, 24.3920, -1.5280

Rectangle

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



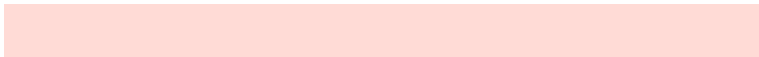
224.2550, -14.4400, -13.6400



223.9190, -30.8090, -8.8330



231.5600, 13.5230, 13.7390



229.1940, 23.0610, 6.0770

Sweetspot

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



224.2550, -14.4400, -13.6400



251.3260, -4.0340, -3.9860



228.5250, 2.2950, -14.0650



125.4510, -2.8880, -2.7280



0.0000, 0.0000, 0.0000



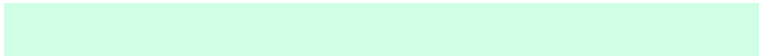
128.0000, -0.0000, -0.0000

Same Dimension

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



224.2550, -14.4400, -13.6400



238.2820, -19.0700, -17.8380



226.1930, -19.8970, -8.3530



113.0270, -4.6300, -4.1980



115.1390, -74.8130, -70.4050



34.3200, -22.2330, -21.0890

Inverse Universe

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



214.7450, 14.4400, 13.6400



225.7180, 19.0700, 17.8380



212.8070, 19.8970, 8.3530



109.9730, 4.6300, 4.1980



65.8610, 74.8130, 70.4050



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 224.2550, -14.4400, -13.6400 looks on a white background.

Color Contrast Check

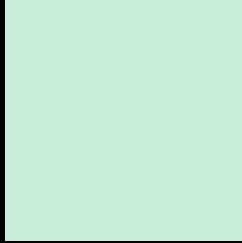
Large Text (above 18pt) WCAG AA × Fail

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 224.2550, -14.4400, -13.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

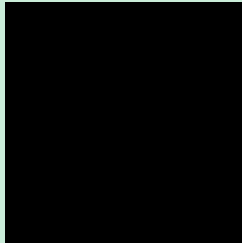
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

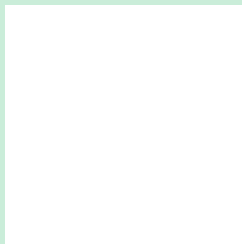
Any Text WCAG AAA ✓ Pass

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

YIQ 224.2550, -14.4400, -13.6400 Background



This preview shows how black text looks on a background with the YIQ color 224.2550, -14.4400, -13.6400.



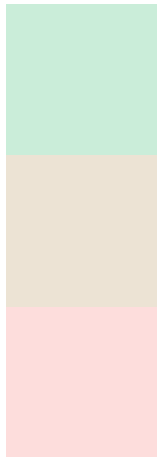
This preview shows how white text looks on a background with the YIQ color 224.2550, -14.4400, -13.6400.

-13.6400.

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

224.2550, -14.4400, -13.6400

Protanopia

227.9810, 10.1790, -2.7570

Deuteranopia

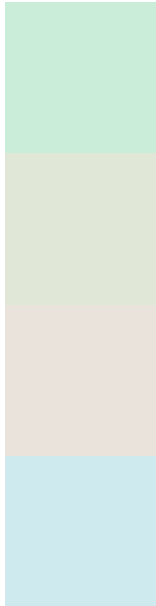
230.4540, 19.3930, 6.4730



Tritanopia

226.9900, -20.4030, 0.8210

Trichromacy



Original Color

224.2550, -14.4400, -13.6400

Protanomaly

226.9690, 1.2850, -6.7710

Deuteranomaly

228.1810, 6.7400, -1.0040

Tritanomaly

226.1980, -18.2930, -4.3810

Monochromacy



Original Color

224.2550, -14.4400, -13.6400

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.2010, -5.1800, -5.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.2550, -14.4400, -13.6400 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, 237, 217)` looks like.

```
.text, #text, p{  
    color:rgb(202, 237, 217)  
}
```

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, 237, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 237, 217) }
```

Border

The CSS property to change the border of an element to YIQ 224.2550, -14.4400, -13.6400 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, 237, 217) }
```


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

```
.border{ border-color:rgb(202, 237, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 237, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 237, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 237, 217);  
box-shadow:4px 4px 4px 4px rgb(202, 237,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 224.2550, -14.4400, -13.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 237, 217) }
```

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

```
.background{ background-color: rgb(202,  
237, 217) }
```

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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