

Converting Colors

YIQ(224.4230, -14.8530,
-11.6610)

Have a look what the booklet for
YIQ(224.4230, -14.8530, -11.6610)
contains.

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Color

**YIQ(224.4230, -14.8530,
-11.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	CBECDD
RGB	203, 236, 221
RGB Percent	80%, 93%, 87%
CMY	0.2040, 0.0744, 0.1334
CMYK	0.14, 0.00, 0.06, 0.07
HSL	153°, 47%, 86%
HSV	153°, 14%, 93%
XYZ	67.6715, 77.9121, 79.8700
YIQ	224.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

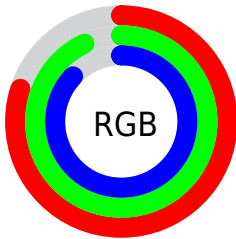
Format	Color
R_{YB}	203, 224, 236
Decimal	13364445
CIE Lab	90.74, -13.62, 3.66
CIE LCh	91, 14.099, 164.949
Yxy	77.9121, 0.3002, 0.3456
Android (android.graphics.Color)	4291554525 (0xFFCBECDD)
YUV	224.4230, -1.6875, -18.7880
Hunter-Lab	88.2678, -17.6197, 8.1383

Details

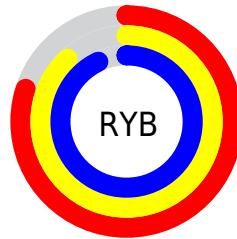
The YIQ color $224.4230, -14.8530, -11.6610$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.5770, 14.8530, 11.6610$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.1350, -13.9820, -10.9260$ is the 20% darker color. If you saturate the color by 10%, you get $215.9930, -25.6260, -20.1700$, and if you desaturate by 10%, it is $232.8530, -4.0800, -3.1520$.

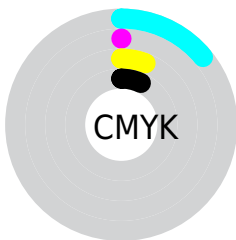
Distribution



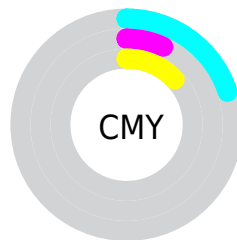
- Red (80%)
- Green (93%)
- Blue (87%)



- Red (80%)
- Yellow (88%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.4230, -14.8530, -11.6610 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 224.4230, -14.8530, -11.6610 by changing the saturation by 10% instead.

■ 224.4230,
-14.8530, -11.6610

■ 224.4230,
-14.8530, -11.6610

255.0000, -0.0000,
-0.0000

■ 196.4230,
-14.8530, -11.6610

■ 169.1350,
-13.9820, -10.9260

■ 142.5480,
-13.7070, -10.4030

■ 116.5480,
-13.7070, -10.4030

■ 91.9610, -13.4320,
-9.8800

■ 68.2600, -12.8360,
-9.6680

■ 45.6730, -12.5610,

-9.1450

■ 24.4880, -13.4780,
-9.0460

■ 2.9350, -1.3750,
-2.6150

■ 224.4230,
-14.8530, -11.6610

■ 224.4230,
-14.8530, -11.6610

■ 215.9930,
-25.6260, -20.1700

■ 232.8530, -4.0800,
-3.1520

■ 207.9760,
-36.1240, -28.1560

■ 240.8700, 6.4180,
4.8340

■ 199.5460,
-46.8970, -36.6650

■ 243.6190, 5.8670,
9.3150

■ 191.4150,
-57.0740, -44.9620

■ 243.8470, 5.2250,
9.9370

■ 182.9850,
-67.8470, -53.4710

■ 174.6690,
-78.9410, -61.6690

■ 166.5380,
-89.1180, -69.9660

■ 158.1080,
-99.8910, -78.4750

■ 153.2380,
-106.3090, -83.3090

Harmonies

Analogous

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



226.0670, -2.1070, -11.3790



224.4230, -14.8530, -11.6610



224.2140, -24.3900, -9.5260

Triad

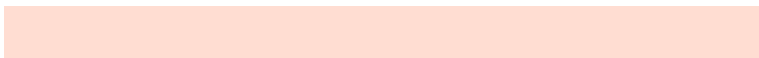
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.4230, -14.8530, -11.6610



228.8820, -11.0510, 7.5490



229.9120, 23.7950, 3.7870

Complementary

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



224.4230, -14.8530, -11.6610



214.5770, 14.8530, 11.6610

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.



230.1060, 20.4930, 8.5650



224.4230, -14.8530, -11.6610



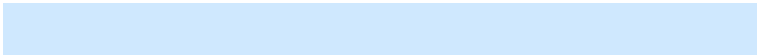
230.6340, 1.5110, 11.1670

Square

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



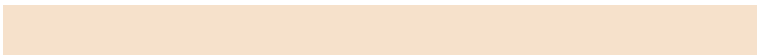
224.4230, -14.8530, -11.6610



227.0330, -21.9620, 1.5420



231.3920, 13.9360, 11.7600



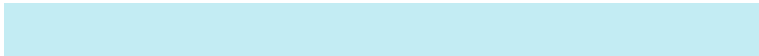
228.7710, 19.5780, -2.3900

Rectangle

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



224.4230, -14.8530, -11.6610



224.5390, -26.6830, -6.5150



231.3920, 13.9360, 11.7600



229.7810, 22.7860, 5.5540

Sweetspot

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



224.4230, -14.8530, -11.6610



251.4400, -4.3550, -3.6750



226.8560, -0.1350, -14.0790



125.5650, -3.2090, -2.4170



0.0000, 0.0000, 0.0000



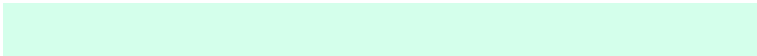
128.0000, -0.0000, -0.0000

Same Dimension

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



224.4230, -14.8530, -11.6610



239.8630, -19.2080, -15.3360



225.5460, -19.3930, -6.4730



113.1410, -4.9510, -3.8870



117.5330, -81.5540, -63.8740



35.0040, -24.1590, -19.2230

Inverse Universe

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



214.5770, 14.8530, 11.6610



227.0230, 19.5290, 15.0250



213.4540, 19.3930, 6.4730



109.8590, 4.9510, 3.8870



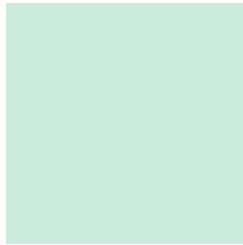
63.4670, 81.5540, 63.8740



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 224.4230, -14.8530, -11.6610 looks on a white background.

Color Contrast Check

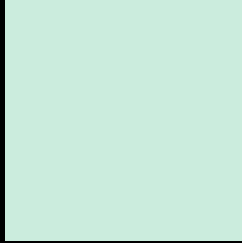
Large Text (above 18pt) WCAG AA × Fail

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 224.4230, -14.8530, -11.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

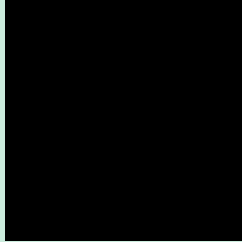
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

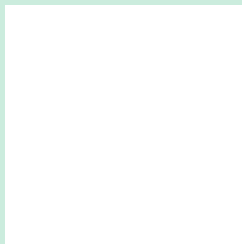
Any Text WCAG AAA ✓ Pass

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

YIQ 224.4230, -14.8530, -11.6610 Background



This preview shows how black text looks on a background with the YIQ color 224.4230, -14.8530, -11.6610.



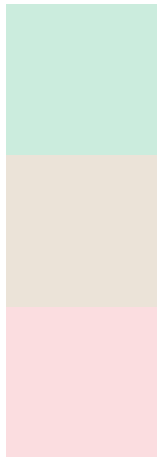
This preview shows how white text looks on a background with the YIQ color 224.4230, -14.8530, -11.6610.

-11.6610.

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

224.4230, -14.8530, -11.6610

Protanopia

228.1380, 8.2990, -1.7250

Deuteranopia

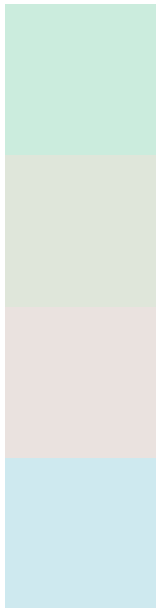
230.3120, 16.9170, 7.2930



Tritanopia

226.8760, -20.0820, 0.5100

Trichromacy



Original Color

224.4230, -14.8530, -11.6610

Protanomaly

226.5390, -0.3200, -5.2160

Deuteranomaly

228.0500, 5.7310, 0.7630

Tritanomaly

225.6110, -18.0180, -3.8580

Monochromacy



Original Color

224.4230, -14.8530, -11.6610

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.4230, -14.8530, -11.6610 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(203, 236, 221)` looks like.

```
.text, #text, p{  
    color:rgb(203, 236, 221)  
}
```

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(203, 236, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 236, 221) }
```

Border

The CSS property to change the border of an element to YIQ 224.4230, -14.8530, -11.6610 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(203, 236, 221) }
```


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

```
.border{ border-color:rgb(203, 236, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 236, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 236, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 236, 221);  
box-shadow:4px 4px 4px 4px rgb(203, 236,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 224.4230, -14.8530, -11.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 236, 221) }
```

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

```
.background{ background-color: rgb(203,  
236, 221) }
```

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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