

Converting Colors

YIQ(224.0740, 13.2100,
-30.1660)

Have a look what the booklet for
YIQ(224.0740, 13.2100, -30.1660)
contains.

YIQ(224.0740, 13.2100, -30.1660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(224.0740, 13.2100,
-30.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF09E
RGB	218, 240, 158
RGB Percent	85%, 94%, 62%
CMY	0.1452, 0.0588, 0.3803
CMYK	0.09, 0.00, 0.34, 0.06
HSL	76°, 73%, 78%
HSV	76°, 34%, 94%
XYZ	66.2424, 79.6965, 44.2527
YIQ	224.0740, 13.2100, -30.1660

Conversions

Conversions Part 2

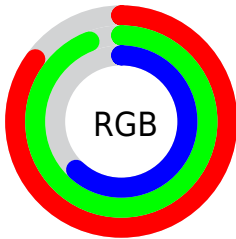
Format	Color
RYB	158, 240, 180
Decimal	14348446
CIELab	91.55, -20.27, 37.28
CIELCh	92, 42.435, 118.528
Yxy	79.6965, 0.3483, 0.4190
Android (android.graphics.Color)	4292538526 (0xFFDAF09E)
YUV	224.0740, -32.5745, -5.3269
Hunter-Lab	89.2729, -23.7767, 33.1009

Details

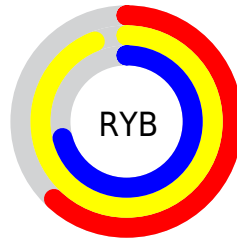
The YIQ color $224.0740, 13.2100, -30.1660$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $173.9260, -13.2100, 30.1660$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2120, 13.4820, -13.0620$, and $168.5300, 11.9260, -28.9220$ is the 20% darker color. If you saturate the color by 10%, you get $219.5440, 17.3380, -38.9020$, and if you desaturate by 10%, it is $228.6040, 9.0820, -21.4300$.

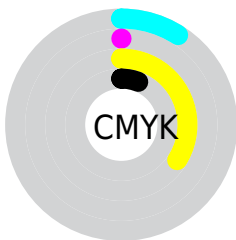
Distribution



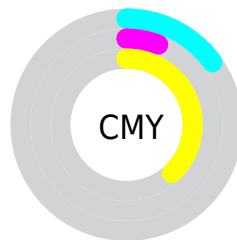
- Red (85%)
- Green (94%)
- Blue (62%)



- Red (62%)
- Yellow (94%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (34%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.0740, 13.2100, -30.1660 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 224.0740, 13.2100, -30.1660 by changing the saturation by 10% instead.

■ 224.0740, 13.2100,
-30.1660

■ 224.0740, 13.2100,
-30.1660

255.0000, -0.0000,
-0.0000

■ 196.1880, 12.8890,
-29.8550

■ 250.2120, 13.4820,
-13.0620

■ 168.5300, 11.9260,
-28.9220

■ 253.5180, 4.1730,
-4.0430

■ 141.6440, 11.6050,
-28.6110

■ 115.8720, 10.9630,
-27.9890

■ 90.6870, 10.0460,
-27.8900

■ 65.7580, 11.2840,
-28.3000

■ 44.8100, 5.5060,

-22.7020

■ 24.4100, -4.8110,
-17.4430

■ 6.4570, -3.0250,
-5.7530

■ 224.0740, 13.2100,
-30.1660

■ 224.0740, 13.2100,
-30.1660

■ 219.5440, 17.3380,
-38.9020

■ 228.6040, 9.0820,
-21.4300

■ 214.7150, 20.8700,
-47.8500

■ 233.4330, 5.5500,
-12.4820

■ 210.1850, 24.9980,
-56.5860

■ 237.9630, 1.4220,
-3.7460

■ 205.3560, 28.5300,
-65.5340

■ 242.7920, -2.1100,
5.2020

■ 200.8260, 32.6580,
-74.2700

■ 244.7000, 1.1450,
6.7850

■ 195.9970, 36.1900,
-83.2180

■ 246.1950, 4.1250,
7.8450

■ 193.2050, 38.3000,
-88.4200

Harmonies

Analogous

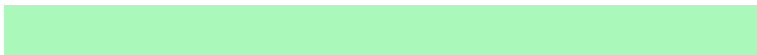
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.0670, 41.4510, -18.8450



224.0740, 13.2100, -30.1660



218.3110, -27.1820, -36.0300

Triad

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



224.0740, 13.2100, -30.1660



206.3620, -83.9450, -26.0330



220.3210, 21.8660, 22.2340

Complementary

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



224.0740, 13.2100, -30.1660



173.9260, -13.2100, 30.1660

Split Complementary

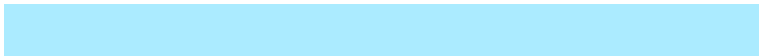
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.8240, 13.2000, 25.1040



224.0740, 13.2100, -30.1660



218.1440, -44.5640, -7.3480

Square

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



224.0740, 13.2100, -30.1660



202.7080, -99.8990, -34.2590



228.4640, -3.7620, 13.1180



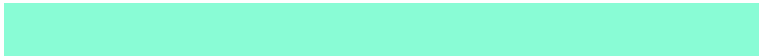
217.5220, 33.8810, 8.2250

Rectangle

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



224.0740, 13.2100, -30.1660



213.1690, -56.0210, -36.5090



228.4640, -3.7620, 13.1180



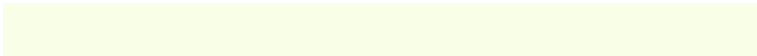
222.5040, 17.0970, 26.0650

Sweetspot

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



224.0740, 13.2100, -30.1660



250.0570, 3.8530, -9.2590



195.4320, 42.8220, 5.8780



124.6810, 2.1560, -6.0360



0.0000, 0.0000, 0.0000



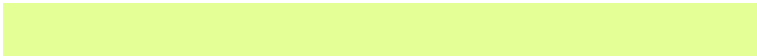
128.0000, -0.0000, -0.0000

Same Dimension

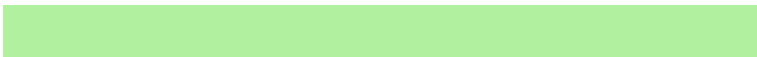
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.0740, 13.2100, -30.1660



234.6580, 17.0170, -38.5910



211.8150, -11.2260, -38.8580



117.7350, 2.0640, -4.3680



148.0740, 29.2640, -67.8240



45.1310, 9.0360, -20.5960

Inverse Universe

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



173.9260, -13.2100, 30.1660



170.6410, -16.4210, 38.8030



186.1850, 11.2260, 38.8580



110.2650, -2.0640, 4.3680



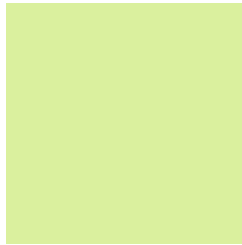
35.6270, -29.8600, 67.6120



10.8690, -9.0360, 20.5960

Previews

White Background



This preview shows how the YIQ color 224.0740, 13.2100, -30.1660 looks on a white background.

Color Contrast Check

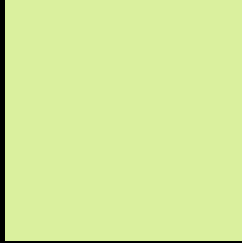
Large Text (above 18pt) WCAG AA × Fail

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 224.0740, 13.2100, -30.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

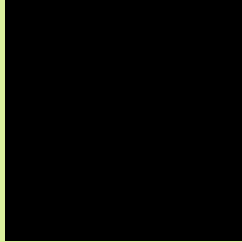
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.0740, 13.2100, -30.1660

Background



This preview shows how black text looks on a background with the YIQ color 224.0740, 13.2100, -30.1660.



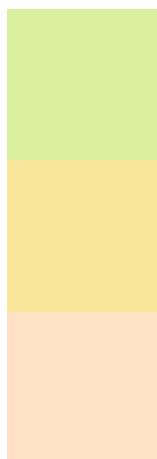
This preview shows how white text looks on a background with the YIQ color 224.0740, 13.2100, -30.1660.

-30.1660.

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

224.0740, 13.2100, -30.1660

Protanopia

227.3160, 36.3160, -19.3960

Deuteranopia

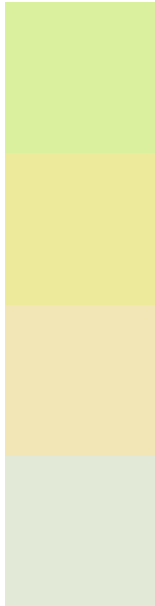
230.8920, 26.5470, -2.0370



Tritanopia

231.3510, -5.1820, 5.8100

Trichromacy



Original Color

224.0740, 13.2100, -30.1660

Protanomaly

226.1900, 27.7430, -23.7210

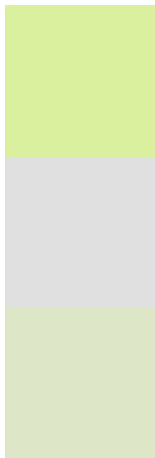
Deuteranomaly

228.2300, 22.2390, -12.0730

Tritanomaly

228.8550, 1.6060, -7.0820

Monochromacy



Original Color

224.0740, 13.2100, -30.1660

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.1880, 4.8620, -11.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.0740, 13.2100, -30.1660 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(218, 240, 158)` looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 158)  
}
```

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(218, 240, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 158) }
```

Border

The CSS property to change the border of an element to YIQ 224.0740, 13.2100, -30.1660 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(218, 240, 158) }
```


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

```
.border{ border-color:rgb(218, 240, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 240, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 158);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 224.0740, 13.2100, -30.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 158) }
```

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

```
.background{ background-color: rgb(218,  
240, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor