

Converting Colors

YIQ(232.4000, 1.1490, -15.3230)

Have a look what the booklet for
YIQ(232.4000, 1.1490, -15.3230)
contains.

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Color

**YIQ(232.4000, 1.1490,
-15.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F2CD
RGB	224, 242, 205
RGB Percent	88%, 95%, 80%
CMY	0.1216, 0.0509, 0.1960
CMYK	0.07, 0.00, 0.15, 0.05
HSL	89°, 59%, 88%
HSV	89°, 15%, 95%
XYZ	73.5101, 83.7615, 70.0562
YIQ	232.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

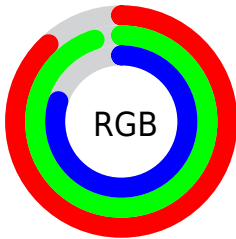
Format	Color
RYB	205, 242, 223
Decimal	14742221
CIELab	93.35, -12.36, 15.87
CIELCh	93, 20.117, 127.925
Yxy	83.7615, 0.3234, 0.3685
Android (android.graphics.Color)	4292932301 (0xFFE0F2CD)
YUV	232.4000, -13.5082, -7.3668
Hunter-Lab	91.5213, -16.7908, 18.6806

Details

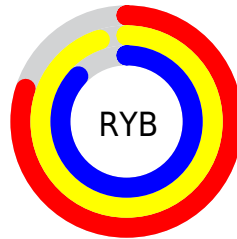
The YIQ color $232.4000, 1.1490, -15.3230$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $214.6000, -1.1490, 15.3230$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.9270, 1.1030, -14.4890$ is the 20% darker color. If you saturate the color by 10%, you get $226.0760, 1.7010, -25.3310$, and if you desaturate by 10%, it is $238.7240, 0.5970, -5.3150$.

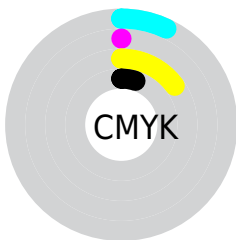
Distribution



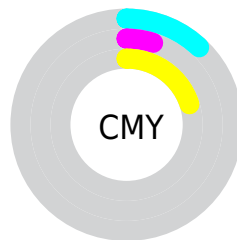
- Red (88%)
- Green (95%)
- Blue (80%)



- Red (80%)
- Yellow (95%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.4000, 1.1490, -15.3230 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 232.4000, 1.1490, -15.3230 by changing the saturation by 10% instead.

■ 232.4000, 1.1490,
-15.3230

■ 232.4000, 1.1490,
-15.3230

255.0000, -0.0000,
-0.0000

■ 204.4000, 1.1490,
-15.3230

■ 176.9270, 1.1030,
-14.4890

■ 150.0410, 0.7820,
-14.1780

■ 124.1550, 0.4610,
-13.8670

■ 99.2690, 0.1400,
-13.5560

■ 75.0950, 0.6900,
-12.5100

■ 52.2090, 0.3690,

-12.1990

■ 30.5080, 0.9650,
-11.9870

■ 11.1530, -5.2250,
-9.9370

■ 232.4000, 1.1490,
-15.3230

■ 232.4000, 1.1490,
-15.3230

■ 226.0760, 1.7010,
-25.3310

■ 238.7240, 0.5970,
-5.3150

■ 219.7520, 2.2530,
-35.3390

■ 245.0480, 0.0450,
4.6930

■ 213.6130, 3.7220,
-45.4460

■ 247.3690, 3.5750,
6.7990

■ 207.2890, 4.2740,
-55.4540

■ 200.9650, 4.8260,
-65.4620

■ 194.6410, 5.3780,
-75.4700

■ 188.3170, 5.9300,
-85.4780

■ 182.1780, 7.3990,
-95.5850

■ 179.1300, 7.3540,
-100.2780

Harmonies

Analogous

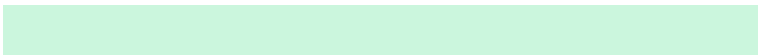
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.6580, 18.1580, -9.6980



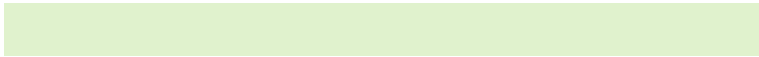
232.4000, 1.1490, -15.3230



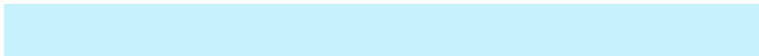
230.2930, -17.6030, -16.8910

Triad

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



232.4000, 1.1490, -15.3230



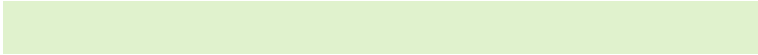
230.3260, -30.3970, -5.2850



232.8930, 16.7790, 9.7950

Complementary

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



232.4000, 1.1490, -15.3230



214.6000, -1.1490, 15.3230

Split Complementary

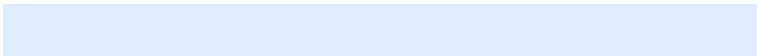
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.3470, 9.8090, 14.9690



232.4000, 1.1490, -15.3230



233.6810, -15.0390, 2.7290

Square

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



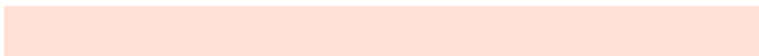
232.4000, 1.1490, -15.3230



229.0860, -38.6490, -9.9210



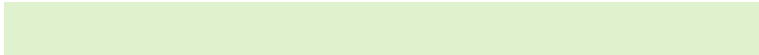
237.0470, 1.7860, 11.6900



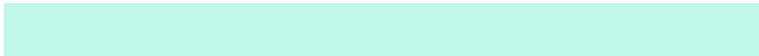
232.6020, 21.7320, 2.6280

Rectangle

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



232.4000, 1.1490, -15.3230



229.0730, -28.6070, -15.7030



237.0470, 1.7860, 11.6900



234.2780, 14.2570, 11.4490

Sweetspot

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



232.4000, 1.1490, -15.3230



251.7240, 0.5970, -5.3150



226.6290, 17.1020, -1.5700



125.8920, 0.1840, -3.3360



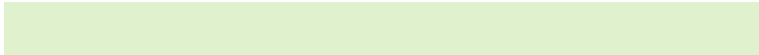
0.0000, 0.0000, 0.0000



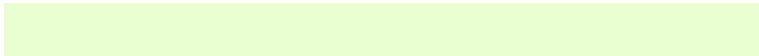
128.0000, -0.0000, -0.0000

Same Dimension

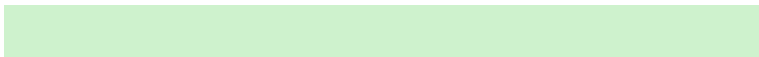
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.4000, 1.1490, -15.3230



243.1780, 1.6540, -18.9700



227.0180, -9.5790, -19.1390



116.8380, 0.2760, -5.0040



136.1140, 5.4240, -76.3040



41.5430, 1.8840, -23.1400

Inverse Universe

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



214.6000, -1.1490, 15.3230



220.8220, -1.6540, 18.9700



219.9820, 9.5790, 19.1390



111.1620, -0.2760, 5.0040



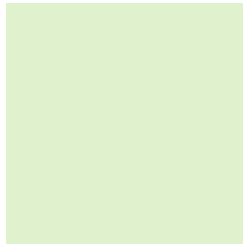
47.5870, -6.0200, 76.0920



14.4570, -1.8840, 23.1400

Previews

White Background



This preview shows how the YIQ color 232.4000, 1.1490, -15.3230 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 232.4000, 1.1490, -15.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

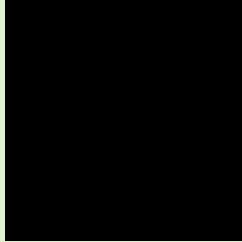
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

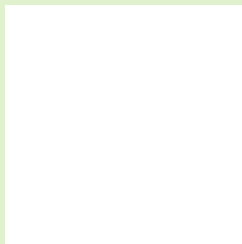
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.4000, 1.1490, -15.3230

Background



This preview shows how black text looks on a background with the YIQ color 232.4000, 1.1490, -15.3230.



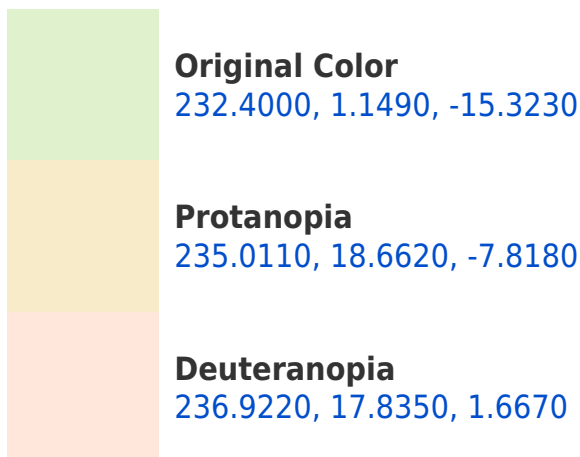
This preview shows how white text looks on a background with the YIQ color 232.4000, 1.1490, -15.3230.

-15.3230.

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

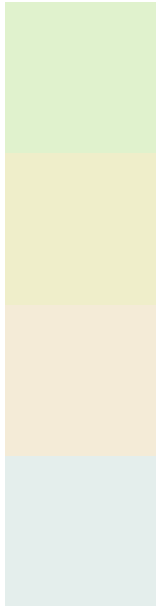




Tritanopia

235.9700, -8.4830, 5.0610

Trichromacy



Original Color

232.4000, 1.1490, -15.3230

Protanomaly

234.1950, 12.1520, -10.9840

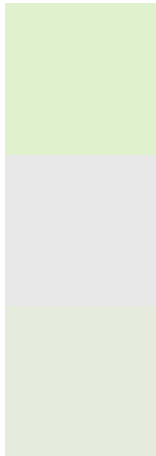
Deuteranomaly

235.4110, 11.7840, -4.3120

Tritanomaly

234.7820, -5.3180, -2.7420

Monochromacy



Original Color

232.4000, 1.1490, -15.3230

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.3110, 0.3220, -5.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.4000, 1.1490, -15.3230 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(224, 242, 205)` looks like.

```
.text, #text, p{  
    color:rgb(224, 242, 205)  
}
```

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(224, 242, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 242, 205) }
```

Border

The CSS property to change the border of an element to YIQ 232.4000, 1.1490, -15.3230 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(224, 242, 205) }
```


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

```
.border{ border-color:rgb(224, 242, 205) }
```

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

Here you see how a box with a 4 pixel rgb(224, 242, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 242, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 242, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 242,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 232.4000, 1.1490, -15.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 242, 205) }
```

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

```
.background{ background-color: rgb(224,  
242, 205) }
```

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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