

Converting Colors

YIQ(215.5030, 24.5830,
-43.5530)

Have a look what the booklet for
YIQ(215.5030, 24.5830, -43.5530)
contains.

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Color

**YIQ(215.5030, 24.5830,
-43.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	D4ED72
RGB	212, 237, 114
RGB Percent	83%, 93%, 45%
CMY	0.1688, 0.0705, 0.5527
CMYK	0.11, 0.00, 0.52, 0.07
HSL	72°, 77%, 69%
HSV	72°, 52%, 93%
XYZ	60.4686, 75.7822, 27.3747
YIQ	215.5030, 24.5830, -43.5530

Conversions

Conversions Part 2

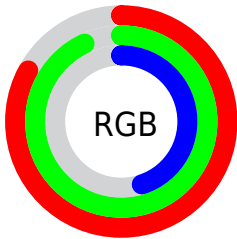
Format	Color
RYB	114, 237, 139
Decimal	13954418
CIELab	89.76, -25.82, 56.11
CIELCh	90, 61.769, 114.711
Yxy	75.7822, 0.3696, 0.4631
Android (android.graphics.Color)	4292144498 (0xFFD4ED72)
YUV	215.5030, -50.0410, -3.0721
Hunter-Lab	87.0530, -28.3533, 42.2928

Details

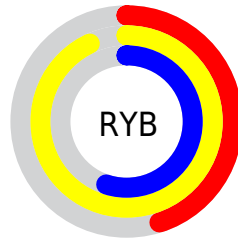
The YIQ color **215.5030, 24.5830, -43.5530** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **135.4970, -24.5830, 43.5530**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1960, 27.6060, -26.7460**, and **159.4320, 23.3450, -43.1430** is the 20% darker color. If you saturate the color by 10%, you get **211.2720, 29.3070, -52.0770**, and if you desaturate by 10%, it is **219.7340, 19.8590, -35.0290**.

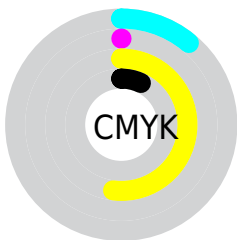
Distribution



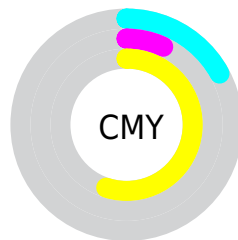
- Red (83%)
- Green (93%)
- Blue (45%)



- Red (45%)
- Yellow (93%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (52%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.5030, 24.5830, -43.5530 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 215.5030, 24.5830, -43.5530 by changing the saturation by 10% instead.

215.5030, 24.5830,
-43.5530

215.5030, 24.5830,
-43.5530

255.0000, -0.0000,
-0.0000

187.3180, 23.6660,
-43.4540

245.1960, 27.6060,
-26.7460

159.4320, 23.3450,
-43.1430

248.3880, 18.6180,
-18.0380

132.0190, 23.0700,
-43.6660

251.6940, 9.3090,
-9.0190

105.0360, 24.4000,
-45.7440

82.5870, 15.7790,
-38.1810

60.7250, 6.8830,
-31.1410

38.8520, -3.4800,

-25.0480

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 215.5030, 24.5830,
-43.5530

■ 215.5030, 24.5830,
-43.5530

■ 211.2720, 29.3070,
-52.0770

■ 219.7340, 19.8590,
-35.0290

■ 207.1550, 33.7100,
-60.2900


■ 223.8510, 15.4560,
-26.8160

■ 202.9240, 38.4340,
-68.8140


■ 227.7830, 10.1360,
-18.5040

■ 198.9920, 43.7540,
-77.1260


■ 232.0140, 5.4120,
-9.9800


 195.6300, 47.4690,
-83.8830

 236.2450, 0.6880,
-1.4560

 240.2480, -3.3940,
6.4460

 241.7430, -0.4140,
7.5060

 243.2380, 2.5660,
8.5660

 244.4340, 4.9500,
9.4140

Harmonies

Analogous

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



216.7680, 58.0500, -27.8220



215.5030, 24.5830, -43.5530



205.6930, -34.7900, -52.3420

Triad

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



215.5030, 24.5830, -43.5530



175.2330, -150.3300, -50.9220



207.3900, 26.5860, 35.8180

Complementary

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



215.5030, 24.5830, -43.5530



135.4970, -24.5830, 43.5530

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.



218.0190, 17.3250, 32.9490



215.5030, 24.5830, -43.5530



193.6260, -93.4360, -24.7320

Square

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



215.5030, 24.5830, -43.5530



178.7550, -151.9800, -54.0600



218.3750, -13.7570, 12.5390



202.4250, 44.7000, 15.9000

Rectangle

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



215.5030, 24.5830, -43.5530



191.4320, -91.2750, -58.4030



218.3750, -13.7570, 12.5390



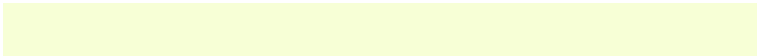
210.9750, 20.6250, 39.2250

Sweetspot

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



215.5030, 24.5830, -43.5530



247.9340, 8.3930, -14.4470



165.4520, 66.4330, 13.0010



123.6550, 5.0450, -8.8350



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.



215.5030, 24.5830, -43.5530



227.4200, 31.6460, -55.9220



197.2640, -11.7730, -56.4850



115.1480, 2.3390, -3.8450



149.3030, 36.0490, -64.1350



44.5550, 10.7780, -19.1260

Inverse Universe

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



135.4970, -24.5830, 43.5530



124.5800, -31.6460, 55.9220



153.7360, 11.7730, 56.4850



107.8520, -2.3390, 3.8450



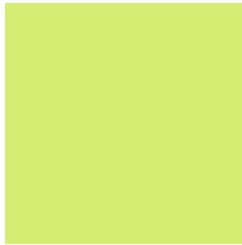
31.6970, -36.0490, 64.1350



9.4450, -10.7780, 19.1260

Previews

White Background



This preview shows how the YIQ color 215.5030, 24.5830, -43.5530 looks on a white background.

Color Contrast Check

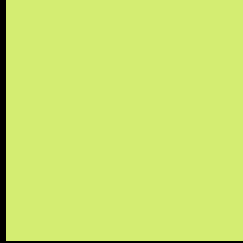
Large Text (above 18pt) WCAG AA × Fail

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 215.5030, 24.5830, -43.5530 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 215.5030, 24.5830, -43.5530

Background



This preview shows how black text looks on a background with the YIQ color 215.5030, 24.5830, -43.5530.



This preview shows how white text looks on a background with the YIQ color 215.5030, 24.5830,

-43.5530.

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

215.5030, 24.5830, -43.5530

Protanopia

219.6530, 50.9440, -31.2000

Deuteranopia

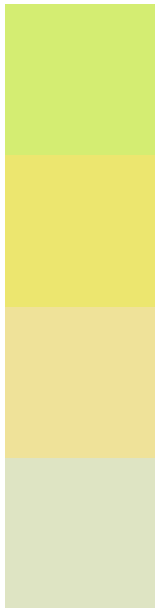
224.8620, 35.2590, -5.7410



Tritanopia

226.2480, -3.3940, 6.4460

Trichromacy



Original Color

215.5030, 24.5830, -43.5530

Protanomaly

218.2280, 41.7750, -35.7370

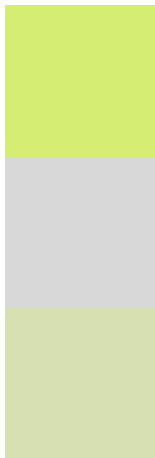
Deuteranomaly

221.5650, 31.1810, -19.9470

Tritanomaly

222.4440, 7.0170, -11.5350

Monochromacy



Original Color

215.5030, 24.5830, -43.5530

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.1790, 9.0810, -15.9030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.5030, 24.5830, -43.5530 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(212, 237, 114)` looks like.

```
.text, #text, p{  
    color:rgb(212, 237, 114)  
}
```

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(212, 237, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 237, 114) }
```

Border

The CSS property to change the border of an element to YIQ 215.5030, 24.5830, -43.5530 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(212, 237, 114) }
```


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

```
.border{ border-color:rgb(212, 237, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 237, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 237, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 237, 114);  
box-shadow:4px 4px 4px 4px rgb(212, 237,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 215.5030, 24.5830, -43.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 237, 114) }
```

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

```
.background{ background-color: rgb(212,  
237, 114) }
```

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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