

Converting Colors

YIQ(225.8570, 23.3460,
-48.6700)

Have a look what the booklet for
YIQ(225.8570, 23.3460, -48.6700)
contains.

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Color

**YIQ(225.8570, 23.3460,
-48.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFB75
RGB	218, 251, 117
RGB Percent	85%, 98%, 46%
CMY	0.1453, 0.0156, 0.5410
CMYK	0.13, 0.00, 0.53, 0.02
HSL	75°, 94%, 72%
HSV	75°, 53%, 98%
XYZ	66.6163, 85.1874, 29.7768
YIQ	225.8570, 23.3460, -48.6700

Conversions

Conversions Part 2

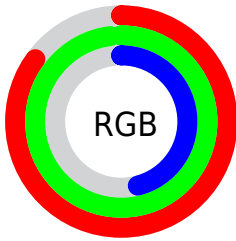
Format	Color
RYB	117, 251, 150
Decimal	14351221
CIELab	93.96, -29.84, 59.77
CIElCh	94, 66.811, 116.532
Yxy	85.1874, 0.3669, 0.4691
Android (android.graphics.Color)	4292541301 (0xFFDAFB75)
YUV	225.8570, -53.6665, -6.8906
Hunter-Lab	92.2970, -32.6856, 45.4798

Details

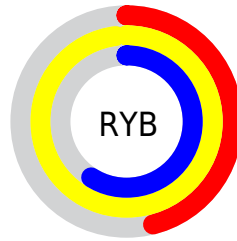
The YIQ color $225.8570, 23.3460, -48.6700$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $142.1430, -23.3460, 48.6700$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, 26.6430, -25.8130$, and $169.0850, 22.7040, -48.0480$ is the 20% darker color. If you saturate the color by 10%, you get $221.2130, 27.7950, -57.7170$, and if you desaturate by 10%, it is $230.5010, 18.8970, -39.6230$.

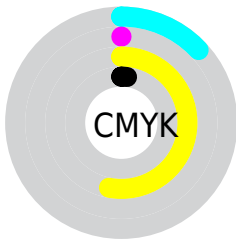
Distribution



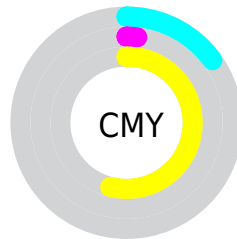
- Red (85%)
- Green (98%)
- Blue (46%)



- Red (46%)
- Yellow (98%)
- Blue (59%)



- Cyan (13%)
- Magenta (0%)
- Yellow (53%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.8570, 23.3460, -48.6700 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 225.8570, 23.3460, -48.6700 by changing the saturation by 10% instead.

225.8570, 23.3460,
-48.6700

225.8570, 23.3460,
-48.6700

255.0000, -0.0000,
-0.0000

197.0850, 22.7040,
-48.0480

245.5380, 26.6430,
-25.8130

169.0850, 22.7040,
-48.0480

248.8440, 17.3340,
-16.7940

141.5580, 22.7500,
-48.8820

252.1500, 8.0250,
-7.7750

114.1620, 23.8050,
-51.4830

90.8270, 14.8630,
-43.6090

68.3780, 6.2420,
-36.0460

46.2060, -4.7170,

-30.1650

■ 25.8280, -12.1000,
-23.0120

■ 12.9140, -6.0500,
-11.5060

■ 225.8570, 23.3460,
-48.6700

■ 225.8570, 23.3460,
-48.6700

■ 221.2130, 27.7950,
-57.7170

■ 230.5010, 18.8970,
-39.6230

■ 216.5690, 32.2440,
-66.7640

■ 235.1450, 14.4480,
-30.5760

■ 211.6260, 36.0970,
-76.0230

■ 240.0880, 10.5950,
-21.3170

■ 206.9820, 40.5460,
-85.0700

■ 244.7320, 6.1460,
-12.2700

■ 203.8480, 43.6190,
-91.2050

■ 249.4900, 1.3760,
-2.9120

■ 252.6520, 1.1000,
2.0920

Harmonies

Analogous

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



224.2850, 54.7960, -34.9320



225.8570, 23.3460, -48.6700



209.3440, -41.1170, -53.3170

Triad

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



225.8570, 23.3460, -48.6700



178.7550, -151.9800, -54.0600



211.9380, 22.0470, 35.4790

Complementary

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



225.8570, 23.3460, -48.6700



142.1430, -23.3460, 48.6700

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.



222.1280, 15.4000, 29.2880



225.8570, 23.3460, -48.6700



201.2680, -95.5440, -30.5840

Square

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



225.8570, 23.3460, -48.6700



178.7550, -151.9800, -54.0600



229.3280, -6.3750, 10.9130



207.5770, 41.2160, 12.9600

Rectangle

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



225.8570, 23.3460, -48.6700



184.1180, -113.8780, -61.7660



229.3280, -6.3750, 10.9130



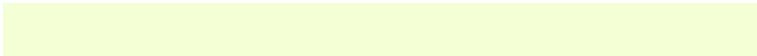
214.4970, 18.9750, 36.0870

Sweetspot

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



225.8570, 23.3460, -48.6700



247.3360, 7.2010, -14.8710



175.2630, 71.3390, 12.1950



123.3560, 4.4490, -9.0470



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.



225.8570, 23.3460, -48.6700



224.4580, 28.4830, -59.1730



206.4220, -15.3940, -62.4500



122.6210, 2.3850, -4.6790



153.4010, 32.6570, -68.7430



49.5610, 10.6410, -22.1510

Inverse Universe

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



142.1430, -23.3460, 48.6700



122.5420, -28.4830, 59.1730



161.5780, 15.3940, 62.4500



114.6780, -1.7890, 4.8910



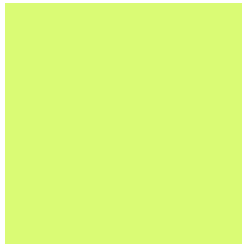
35.5990, -32.6570, 68.7430



11.4390, -10.6410, 22.1510

Previews

White Background



This preview shows how the YIQ color 225.8570, 23.3460, -48.6700 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 225.8570, 23.3460, -48.6700 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 225.8570, 23.3460, -48.6700

Background



This preview shows how black text looks on a background with the YIQ color 225.8570, 23.3460, -48.6700.



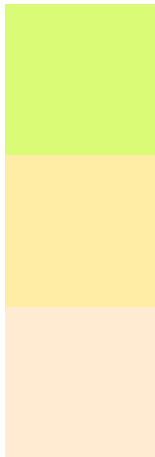
This preview shows how white text looks on a background with the YIQ color 225.8570, 23.3460,

-48.6700.

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

225.8570, 23.3460, -48.6700

Protanopia

234.1740, 33.8400, -18.5760

Deuteranopia

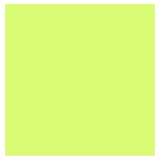
237.5430, 20.2200, -3.0120



Tritanopia

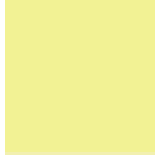
237.5680, -7.2910, 5.4850

Trichromacy



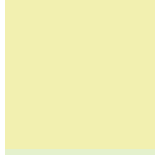
Original Color

225.8570, 23.3460, -48.6700



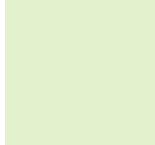
Protanomaly

231.2840, 30.1740, -29.2340



Deuteranomaly

233.3020, 21.7360, -19.4800



Tritanomaly

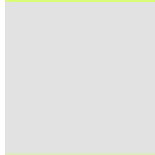
233.0090, 3.8080, -13.9520

Monochromacy



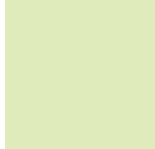
Original Color

225.8570, 23.3460, -48.6700



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

225.8260, 8.5770, -17.7830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.8570, 23.3460, -48.6700 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, 251, 117)` looks like.

```
.text, #text, p{  
    color:rgb(218, 251, 117)  
}
```

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, 251, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 251, 117) }
```

Border

The CSS property to change the border of an element to YIQ 225.8570, 23.3460, -48.6700 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, 251, 117) }
```


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

```
.border{ border-color:rgb(218, 251, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 251, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 251, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 251, 117);  
box-shadow:4px 4px 4px 4px rgb(218, 251,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 225.8570, 23.3460, -48.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 251, 117) }
```

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

```
.background{ background-color: rgb(218,  
251, 117) }
```

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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