

Converting Colors

YIQ(225.9920, 10.5050,
-30.7030)

Have a look what the booklet for
YIQ(225.9920, 10.5050, -30.7030)
contains.

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Color

**YIQ(225.9920, 10.5050,
-30.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F3A2
RGB	217, 243, 162
RGB Percent	85%, 95%, 64%
CMY	0.1491, 0.0470, 0.3646
CMYK	0.11, 0.00, 0.33, 0.05
HSL	79°, 77%, 79%
HSV	79°, 33%, 95%
XYZ	67.1845, 81.4645, 46.3781
YIQ	225.9920, 10.5050, -30.7030

Conversions

Conversions Part 2

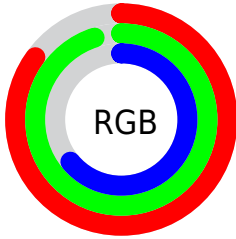
Format	Color
RYB	162, 243, 188
Decimal	14283682
CIELab	92.34, -21.58, 36.31
CIELCh	92, 42.237, 120.722
Yxy	81.4645, 0.3445, 0.4177
Android (android.graphics.Color)	4292473762 (0xFFD9F3A2)
YUV	225.9920, -31.5481, -7.8860
Hunter-Lab	90.2577, -25.0821, 32.7148

Details

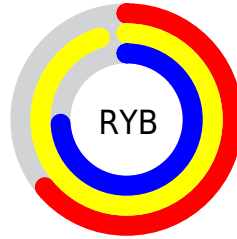
The YIQ color **225.9920, 10.5050, -30.7030** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **179.0080, -10.5050, 30.7030**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.7820, 11.8770, -11.5070**, and **170.3340, 9.5420, -29.7700** is the 20% darker color. If you saturate the color by 10%, you get **220.8640, 13.4410, -39.8630**, and if you desaturate by 10%, it is **231.1200, 7.5690, -21.5430**.

Distribution



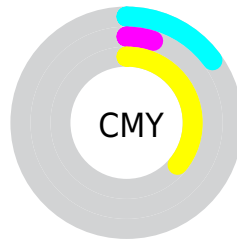
- Red (85%)
- Green (95%)
- Blue (64%)



- Red (64%)
- Yellow (95%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)





- Cyan (15%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 225.9920, 10.5050, -30.7030 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 225.9920, 10.5050, -30.7030 by changing the saturation by 10% instead.

 225.9920, 10.5050,
-30.7030


 225.9920, 10.5050,
-30.7030

255.0000, -0.0000,
-0.0000

 198.1060, 10.1840,
-30.3920


 250.7820, 11.8770,
-11.5070

 170.3340, 9.5420,
-29.7700

 253.9740, 2.8890,
-2.7990

 143.5620, 8.9000,
-29.1480

 117.7900, 8.2580,
-28.5260

 92.3170, 8.2120,
-27.6920

 67.7900, 8.2580,
-28.5260

 46.2720, 4.0850,

-24.4830

■ 25.5840, -5.3610,
-18.4890

■ 8.8050, -4.1250,
-7.8450

■ 225.9920, 10.5050,
-30.7030

■ 225.9920, 10.5050,
-30.7030

■ 220.8640, 13.4410,
-39.8630

■ 231.1200, 7.5690,
-21.5430

■ 215.6220, 16.6980,
-49.3340

■ 236.3620, 4.3120,
-12.0720

■ 210.7930, 20.2300,
-58.2820

■ 241.1910, 0.7800,
-3.1240

■ 205.6650, 23.1660,
-67.4420

■ 245.8630, -0.8720,
4.7920

■ 200.5370, 26.1020,
-76.6020

■ 247.9560, 3.3000,
6.2760

■ 195.2950, 29.3590,
-86.0730

■ 191.9760, 31.5150,
-92.1090

Harmonies

Analogous

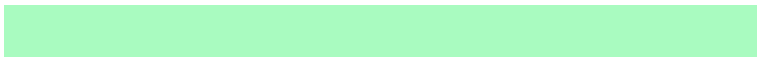
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.0560, 39.9840, -19.7920



225.9920, 10.5050, -30.7030



219.7560, -29.9330, -35.7330

Triad

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



225.9920, 10.5050, -30.7030



209.6290, -80.3230, -25.5950



221.4950, 21.3160, 21.1880

Complementary

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



225.9920, 10.5050, -30.7030



179.0080, -10.5050, 30.7030

Split Complementary

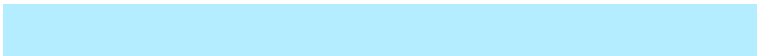
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.9980, 12.6500, 24.0580



225.9920, 10.5050, -30.7030



221.7100, -40.3460, -6.6980

Square

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



225.9920, 10.5050, -30.7030



205.0780, -98.0650, -34.4570



231.1440, 0.1350, 14.0790



219.2830, 33.0560, 6.6560

Rectangle

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



225.9920, 10.5050, -30.7030



214.7280, -59.0930, -35.9010



231.1440, 0.1350, 14.0790



223.5640, 16.8680, 24.7080

Sweetspot

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



225.9920, 10.5050, -30.7030



249.7580, 3.2570, -9.4710



201.4810, 41.1260, 3.5740



124.6810, 2.1560, -6.0360



0.0000, 0.0000, 0.0000



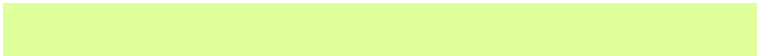
128.0000, -0.0000, -0.0000

Same Dimension

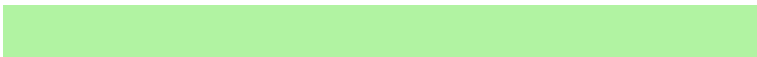
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.9920, 10.5050, -30.7030



233.5050, 13.0740, -38.7180



214.0320, -13.3350, -39.1830



119.4360, 1.4680, -4.5800



146.8560, 23.9460, -70.5660



46.5930, 7.6150, -22.3770

Inverse Universe

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



179.0080, -10.5050, 30.7030



174.4950, -13.0740, 38.7180



190.9680, 13.3350, 39.1830



112.5640, -1.4680, 4.5800



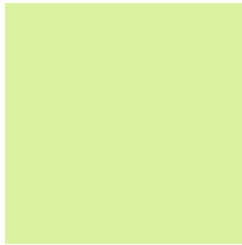
39.1440, -23.9460, 70.5660



12.4070, -7.6150, 22.3770

Previews

White Background



This preview shows how the YIQ color 225.9920, 10.5050, -30.7030 looks on a white background.

Color Contrast Check

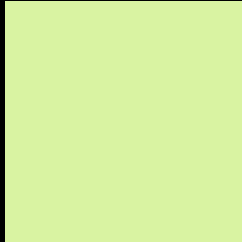
Large Text (above 18pt) WCAG AA × Fail

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 225.9920, 10.5050, -30.7030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

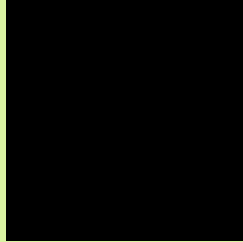
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.9920, 10.5050, -30.7030

Background



This preview shows how black text looks on a background with the YIQ color 225.9920, 10.5050, -30.7030.



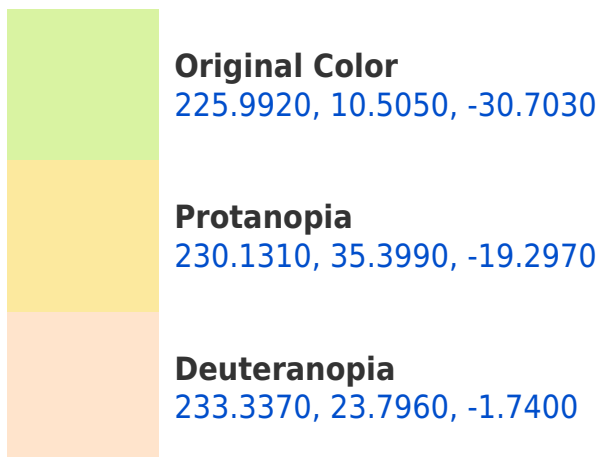
This preview shows how white text looks on a background with the YIQ color 225.9920, 10.5050,

-30.7030.

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

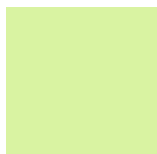




Tritanopia

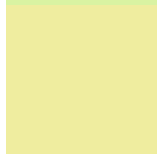
233.1550, -7.5660, 4.9620

Trichromacy



Original Color

225.9920, 10.5050, -30.7030



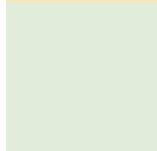
Protanomaly

228.7060, 26.2300, -23.8340



Deuteranomaly

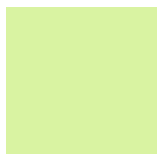
230.3760, 18.8920, -11.9880



Tritanomaly

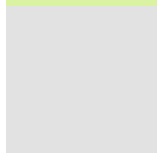
230.6590, -0.7780, -7.9300

Monochromacy



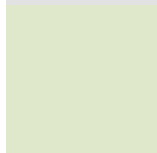
Original Color

225.9920, 10.5050, -30.7030



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

226.0030, 3.9450, -10.9270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.9920, 10.5050, -30.7030 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(217, 243, 162)` looks like.

```
.text, #text, p{  
    color:rgb(217, 243, 162)  
}
```

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(217, 243, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 243, 162) }
```

Border

The CSS property to change the border of an element to YIQ 225.9920, 10.5050, -30.7030 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(217, 243, 162) }
```


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

```
.border{ border-color:rgb(217, 243, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 243, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 243, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 243, 162);  
box-shadow:4px 4px 4px 4px rgb(217, 243,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 225.9920, 10.5050, -30.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 243, 162) }
```

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

```
.background{ background-color: rgb(217,  
243, 162) }
```

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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