

Converting Colors

YIQ(225.0590, 0.3710, -23.2530)

Have a look what the booklet for
YIQ(225.0590, 0.3710, -23.2530)
contains.

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Color

**YIQ(225.0590, 0.3710,
-23.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F0B9
RGB	211, 240, 185
RGB Percent	83%, 94%, 73%
CMY	0.1726, 0.0588, 0.2745
CMYK	0.12, 0.00, 0.23, 0.06
HSL	92°, 65%, 83%
HSV	92°, 23%, 94%
XYZ	66.7782, 79.6755, 57.7645
YIQ	225.0590, 0.3710, -23.2530

Conversions

Conversions Part 2

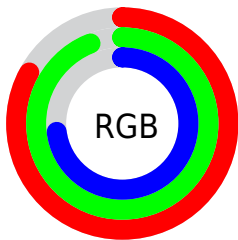
Format	Color
RYB	185, 240, 214
Decimal	13889721
CIELab	91.54, -19.03, 23.51
CIELCh	92, 30.246, 128.998
Yxy	79.6755, 0.3270, 0.3901
Android (android.graphics.Color)	4292079801 (0xFFD3F0B9)
YUV	225.0590, -19.7491, -12.3297
Hunter-Lab	89.2611, -22.6673, 24.1138

Details

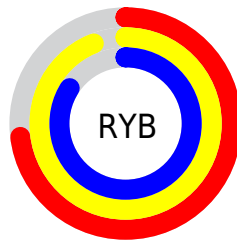
The YIQ color $225.0590, 0.3710, -23.2530$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $199.9410, -0.3710, 23.2530$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.4040, 4.4940, -4.3540$, and $169.7000, 0.0040, -22.1080$ is the 20% darker color. If you saturate the color by 10%, you get $218.4360, 0.3270, -33.4730$, and if you desaturate by 10%, it is $231.6820, 0.4150, -13.0330$.

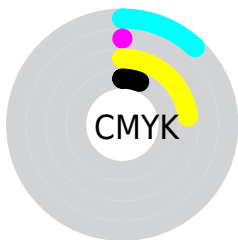
Distribution



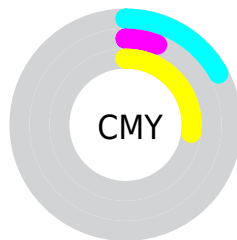
- Red (83%)
- Green (94%)
- Blue (73%)



- Red (73%)
- Yellow (94%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (6%)




- Cyan (17%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 225.0590, 0.3710, -23.2530 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 225.0590, 0.3710, -23.2530 by changing the saturation by 10% instead.


 225.0590, 0.3710,
-23.2530


 225.0590, 0.3710,
-23.2530

255.0000, -0.0000,
-0.0000


 197.1730, 0.0500,
-22.9420


 253.4040, 4.4940,
-4.3540

 169.7000, 0.0040,
-22.1080

 143.1130, 0.2790,
-21.5850

 117.3410, -0.3630,
-20.9630

 92.4550, -0.6840,
-20.6520

 68.3950, -0.4550,
-19.2950

 45.5090, -0.7760,

-18.9840

■ 24.7200, -2.7480,
-16.2840

■ 6.4570, -3.0250,
-5.7530

■ 225.0590, 0.3710,
-23.2530

■ 225.0590, 0.3710,
-23.2530

■ 218.4360, 0.3270,
-33.4730

■ 231.6820, 0.4150,
-13.0330

■ 212.1120, 0.8790,
-43.4810

■ 238.0060, -0.1370,
-3.0250

■ 205.4890, 0.8350,
-53.7010

■ 244.4010, 0.5490,
6.5730

■ 198.8660, 0.7910,
-63.9210

■ 246.1950, 4.1250,
7.8450

■ 192.5420, 1.3430,
-73.9290

■ 185.9190, 1.2990,
-84.1490

■ 179.2960, 1.2550,
-94.3690

■ 174.6670, 1.3480,
-101.5640

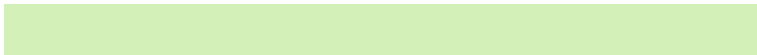
Harmonies

Analogous

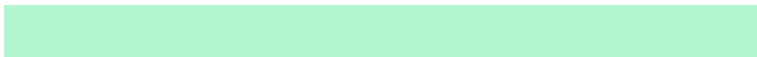
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.5630, 25.4950, -16.0170



225.0590, 0.3710, -23.2530



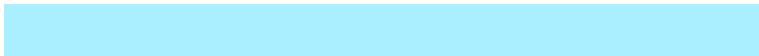
220.8630, -28.3760, -25.4000

Triad

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



225.0590, 0.3710, -23.2530



219.8940, -46.8560, -9.8640



224.9370, 22.6470, 13.5830

Complementary

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



225.0590, 0.3710, -23.2530



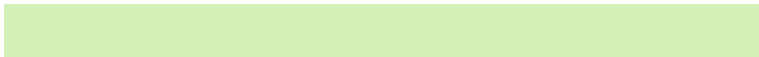
199.9410, -0.3710, 23.2530

Split Complementary

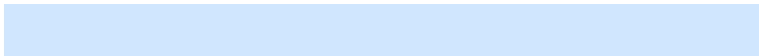
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.4170, 12.7880, 21.5560



225.0590, 0.3710, -23.2530



226.2720, -21.1370, 3.1110

Square

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



225.0590, 0.3710, -23.2530



217.1370, -61.0220, -17.4540



231.7640, 4.2610, 16.3970



224.2070, 30.2140, 3.0940

Rectangle

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



225.0590, 0.3710, -23.2530



218.9350, -46.0740, -24.0420



231.7640, 4.2610, 16.3970



226.0770, 19.4370, 16.6930

Sweetspot

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



225.0590, 0.3710, -23.2530



250.2570, 0.4140, -7.5060



217.8810, 25.0800, -2.9840



124.9520, -0.0450, -4.6930



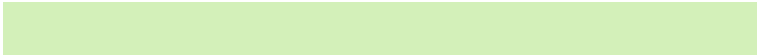
0.0000, 0.0000, 0.0000



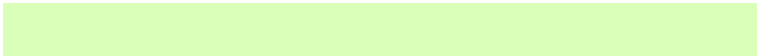
128.0000, -0.0000, -0.0000

Same Dimension

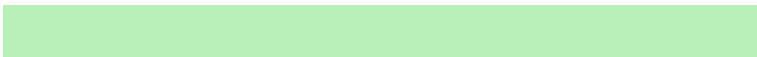
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.0590, 0.3710, -23.2530



235.5440, 0.1430, -30.1370



217.3990, -15.4460, -28.4540



116.8380, 0.2760, -5.0040



134.0210, 1.2520, -77.7880



40.6460, 0.0960, -23.7760

Inverse Universe

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



199.9410, -0.3710, 23.2530



203.1570, -0.7390, 29.9250



207.6010, 15.4460, 28.4540



111.1620, -0.2760, 5.0040



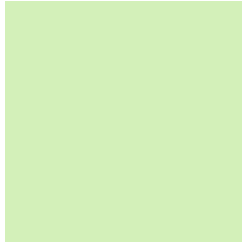
49.9790, -1.2520, 77.7880



15.3540, -0.0960, 23.7760

Previews

White Background



This preview shows how the YIQ color 225.0590, 0.3710, -23.2530 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 225.0590, 0.3710, -23.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

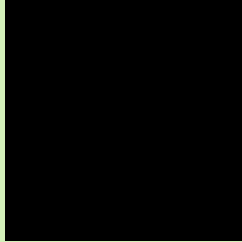
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

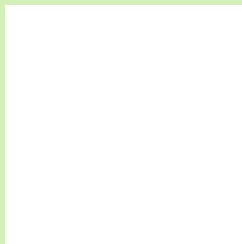
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.0590, 0.3710, -23.2530

Background



This preview shows how black text looks on a background with the YIQ color 225.0590, 0.3710, -23.2530.



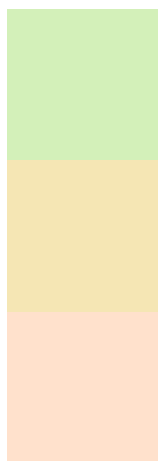
This preview shows how white text looks on a background with the YIQ color 225.0590, 0.3710, -23.2530.

-23.2530.

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

225.0590, 0.3710, -23.2530

Protanopia

228.7850, 24.9900, -12.3700

Deuteranopia

231.5760, 24.6210, -0.1710



Tritanopia

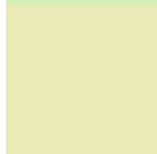
230.1760, -12.0590, 3.7890

Trichromacy



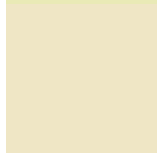
Original Color

225.0590, 0.3710, -23.2530



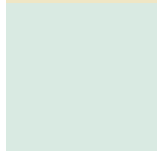
Protanomaly

227.7730, 16.0960, -16.3840



Deuteranomaly

228.9290, 15.9570, -8.3550



Tritanomaly

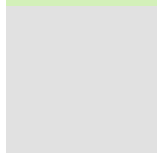
228.0050, -7.5640, -6.0920

Monochromacy



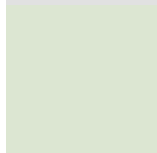
Original Color

225.0590, 0.3710, -23.2530



Achromatopsia

225.0000, -0.0000, -0.0000



Achromatomaly

224.7300, 0.4600, -8.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.0590, 0.3710, -23.2530 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(211, 240, 185)` looks like.

```
.text, #text, p{  
    color:rgb(211, 240, 185)  
}
```

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(211, 240, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 240, 185) }
```

Border

The CSS property to change the border of an element to YIQ 225.0590, 0.3710, -23.2530 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(211, 240, 185) }
```


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

```
.border{ border-color:rgb(211, 240, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 240, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 240, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 240, 185);  
box-shadow:4px 4px 4px 4px rgb(211, 240,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 225.0590, 0.3710, -23.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 240, 185) }
```

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

```
.background{ background-color: rgb(211,  
240, 185) }
```

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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