

Converting Colors

YIQ(225.9380, 2.5700, -13.5420)

Have a look what the booklet for
YIQ(225.9380, 2.5700, -13.5420)
contains.

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Color

**YIQ(225.9380, 2.5700,
-13.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEAC8
RGB	220, 234, 200
RGB Percent	86%, 92%, 78%
CMY	0.1373, 0.0823, 0.2156
CMYK	0.06, 0.00, 0.15, 0.08
HSL	85°, 45%, 85%
HSV	85°, 15%, 92%
XYZ	69.3619, 78.2330, 66.0940
YIQ	225.9380, 2.5700, -13.5420

Conversions

Conversions Part 2

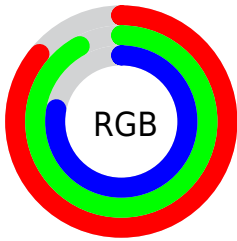
Format	Color
R _{YB}	200, 234, 214
Decimal	14478024
CIE _{Lab}	90.89, -10.56, 14.94
CIE _{LCh}	91, 18.298, 125.242
Yxy	78.2330, 0.3246, 0.3661
Android (android.graphics.Color)	4292668104 (0xFFDCEAC8)
YUV	225.9380, -12.7874, -5.2076
Hunter-Lab	88.4494, -14.8071, 17.6100

Details

The YIQ color $225.9380, 2.5700, -13.5420$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $208.0620, -2.5700, 13.5420$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.4650, 2.5240, -12.7080$ is the 20% darker color. If you saturate the color by 10%, you get $220.3260, 3.9930, -22.8150$, and if you desaturate by 10%, it is $231.5500, 1.1470, -4.2690$.

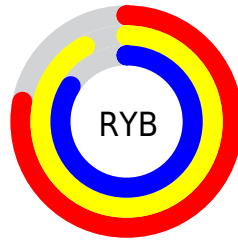
Distribution



Red (86%)

Green (92%)

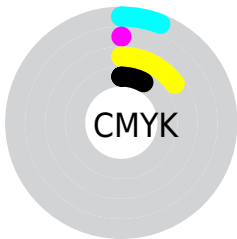
Blue (78%)



Red (78%)

Yellow (92%)

Blue (84%)

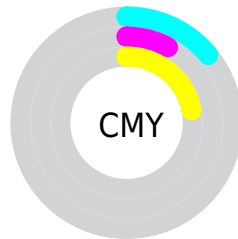


Cyan (6%)

Magenta (0%)

Yellow (15%)

Black (8%)



Cyan (14%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.9380, 2.5700, -13.5420 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 225.9380, 2.5700, -13.5420 by changing the saturation by 10% instead.

■ 225.9380, 2.5700,
-13.5420

■ 225.9380, 2.5700,
-13.5420

255.0000, -0.0000,
-0.0000

■ 198.0520, 2.2490,
-13.2310

■ 170.4650, 2.5240,
-12.7080

■ 144.1660, 1.9280,
-12.9200

■ 118.5790, 2.2030,
-12.3970

■ 93.8070, 1.5610,
-11.7750

■ 70.2200, 1.8360,
-11.2520

■ 47.4480, 1.1940,

-10.6300

■ 26.5900, 3.6700,
-11.4500

■ 3.5220, -1.6500,
-3.1380

■ 225.9380, 2.5700,
-13.5420

■ 225.9380, 2.5700,
-13.5420

■ 220.3260, 3.9930,
-22.8150

■ 231.5500, 1.1470,
-4.2690

■ 214.8990, 6.3330,
-32.1870

■ 236.9770, -1.1930,
5.1030

■ 209.2870, 7.7560,
-41.4600

■ 240.8790, 2.1990,
9.7110

■ 203.5610, 9.5000,
-51.0440

■ 242.6730, 5.7750,
10.9830

■ 198.2480, 11.5190,
-60.1050

■ 192.6360, 12.9420,
-69.3780

■ 186.9100, 14.6860,
-78.9620

■ 181.5970, 16.7050,
-88.0230

■ 178.3210, 17.3020,
-93.3380

Harmonies

Analogous

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



228.2990, 17.7910, -8.5530



225.9380, 2.5700, -13.5420



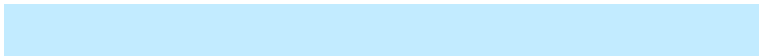
224.2010, -14.3480, -15.3080

Triad

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



225.9380, 2.5700, -13.5420



225.0210, -30.8560, -2.4720



229.3880, 19.7590, 10.8550

Complementary

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



225.9380, 2.5700, -13.5420



208.0620, -2.5700, 13.5420

Split Complementary

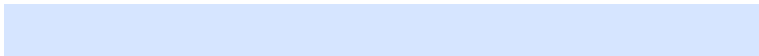
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6140, 13.4310, 15.4070



225.9380, 2.5700, -13.5420



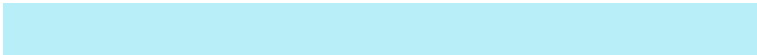
227.4790, -17.2860, 4.9060

Square

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



225.9380, 2.5700, -13.5420



222.9940, -35.3940, -8.3380



230.5350, -2.5240, 12.7080



228.0370, 24.9410, 5.0450

Rectangle

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



225.9380, 2.5700, -13.5420



222.7530, -24.7100, -14.7420



230.5350, -2.5240, 12.7080



230.0720, 17.8330, 12.7210

Sweetspot

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



225.9380, 2.5700, -13.5420



252.6640, 0.8260, -3.9580



218.3840, 16.4140, -0.1140



126.3050, 0.4590, -2.8130



0.0000, 0.0000, 0.0000



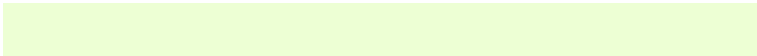
128.0000, -0.0000, -0.0000

Same Dimension

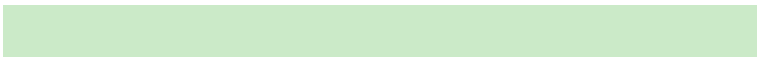
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.9380, 2.5700, -13.5420



244.7160, 3.0750, -17.1890



220.8550, -7.5620, -17.1460



114.2510, 0.5510, -4.4810



137.9410, 13.4010, -72.1910



40.9670, 3.6260, -21.6700

Inverse Universe

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



208.0620, -2.5700, 13.5420



222.2840, -3.0750, 17.1890



213.1450, 7.5620, 17.1460



108.4500, -1.1470, 4.2690



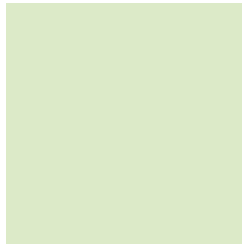
43.0590, -13.4010, 72.1910



12.7340, -4.2220, 21.4580

Previews

White Background



This preview shows how the YIQ color 225.9380, 2.5700, -13.5420 looks on a white background.

Color Contrast Check

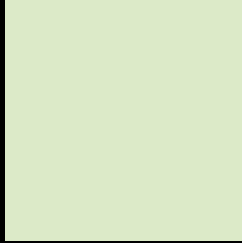
Large Text (above 18pt) WCAG AA × Fail

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 225.9380, 2.5700, -13.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

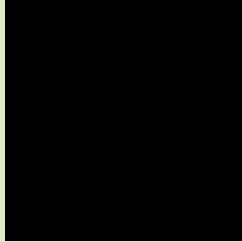
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

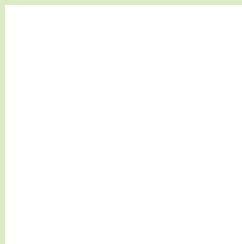
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.9380, 2.5700, -13.5420

Background



This preview shows how black text looks on a background with the YIQ color 225.9380, 2.5700, -13.5420.



This preview shows how white text looks on a background with the YIQ color 225.9380, 2.5700, -13.5420.

-13.5420.

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

225.9380, 2.5700, -13.5420

Protanopia

228.0540, 17.1030, -7.0970

Deuteranopia

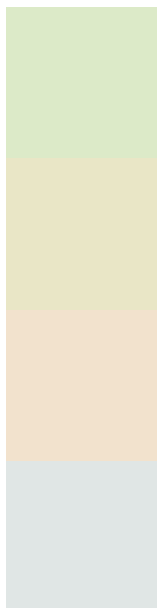
230.2710, 24.1620, 2.6420



Tritanopia

229.7530, -6.3740, 5.3860

Trichromacy



Original Color

225.9380, 2.5700, -13.5420

Protanomaly

227.2490, 12.0600, -9.3160

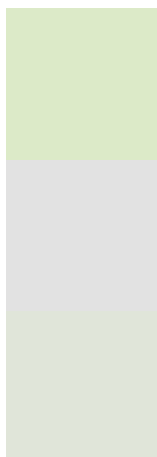
Deuteranomaly

228.3900, 16.2770, -3.1390

Tritanomaly

228.0920, -3.2550, -1.5830

Monochromacy



Original Color

225.9380, 2.5700, -13.5420

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1370, 0.8720, -4.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.9380, 2.5700, -13.5420 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(220, 234, 200)` looks like.

```
.text, #text, p{  
    color:rgb(220, 234, 200)  
}
```

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(220, 234, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 234, 200) }
```

Border

The CSS property to change the border of an element to YIQ 225.9380, 2.5700, -13.5420 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(220, 234, 200) }
```


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

```
.border{ border-color:rgb(220, 234, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 234, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 234, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 234, 200); box-shadow:4px 4px 4px 4px rgb(220, 234, 200) }
```

Background

The CSS property to change the background color of an element to YIQ 225.9380, 2.5700, -13.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 234, 200) }
```

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

```
.background{ background-color: rgb(220,  
234, 200) }
```

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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