

Converting Colors

YIQ(225.7390, -12.9270,
-13.5270)

Have a look what the booklet for
YIQ(225.7390, -12.9270, -13.5270)
contains.

YIQ(225.7390, -12.9270, -13.5270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(225.7390, -12.9270,
-13.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	CDEED9
RGB	205, 238, 217
RGB Percent	80%, 93%, 85%
CMY	0.1962, 0.0666, 0.1490
CMYK	0.14, 0.00, 0.09, 0.07
HSL	142°, 49%, 87%
HSV	142°, 14%, 93%
XYZ	68.2722, 79.1422, 77.3172
YIQ	225.7390, -12.9270, -13.5270

Conversions

Conversions Part 2

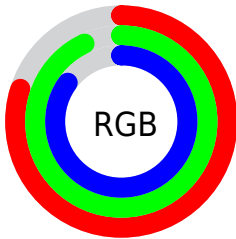
Format	Color
R _Y B	205, 229, 238
Decimal	13496025
CIE Lab	91.30, -14.71, 6.57
CIE LCh	91, 16.106, 155.937
Yxy	79.1422, 0.3038, 0.3522
Android (android.graphics.Color)	4291686105 (0xFFCDEED9)
YUV	225.7390, -4.3083, -18.1881
Hunter-Lab	88.9619, -18.6968, 10.7441

Details

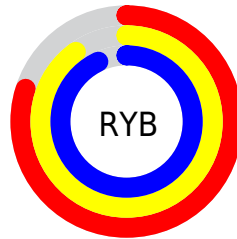
The YIQ color $225.7390, -12.9270, -13.5270$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.2610, 12.9270, 13.5270$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.4510, -12.0560, -12.7920$ is the 20% darker color. If you saturate the color by 10%, you get $216.8530, -22.4160, -23.2800$, and if you desaturate by 10%, it is $234.6250, -3.4380, -3.7740$.

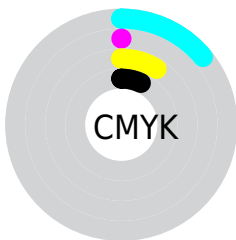
Distribution



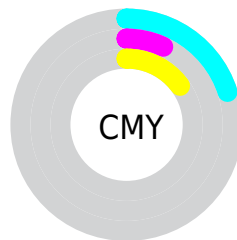
- Red (80%)
- Green (93%)
- Blue (85%)



- Red (80%)
- Yellow (90%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.7390, -12.9270, -13.5270 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 225.7390, -12.9270, -13.5270 by changing the saturation by 10% instead.

■ 225.7390,
-12.9270, -13.5270

■ 225.7390,
-12.9270, -13.5270

255.0000, -0.0000,
-0.0000

■ 197.7390,
-12.9270, -13.5270

■ 170.4510,
-12.0560, -12.7920

■ 143.5650,
-12.3770, -12.4810

■ 117.9780,
-12.1020, -11.9580

■ 93.2770, -11.5060,
-11.7460

■ 69.6900, -11.2310,
-11.2230

■ 46.8040, -11.5520,

-10.9120

■ 25.3310, -11.5980,
-10.0780

■ 5.2830, -2.4750,
-4.7070

■ 225.7390,
-12.9270, -13.5270

■ 225.7390,
-12.9270, -13.5270

■ 216.8530,
-22.4160, -23.2800

■ 234.6250, -3.4380,
-3.7740

■ 207.9670,
-31.9050, -33.0330

■ 243.5110, 6.0510,
5.9790

■ 199.3800,
-40.7980, -42.5740

■ 245.0210, 4.6750,
8.8910

■ 190.3800,
-49.9660, -52.6380

■ 181.4940,
-59.4550, -62.3910

■ 172.6080,
-68.9440, -72.1440

■ 163.7220,
-78.4330, -81.8970

■ 155.1350,
-87.3260, -91.4380

■ 149.6240,
-93.3770, -97.4170

Harmonies

Analogous

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



227.6930, 1.8820, -12.0860



225.7390, -12.9270, -13.5270



224.5620, -25.4900, -11.6180

Triad

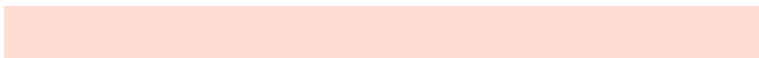
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.7390, -12.9270, -13.5270



228.9630, -15.7730, 5.0190



230.2540, 22.8320, 4.7200

Complementary

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



225.7390, -12.9270, -13.5270



217.2610, 12.9270, 13.5270

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.



231.2630, 18.6130, 9.5970



225.7390, -12.9270, -13.5270



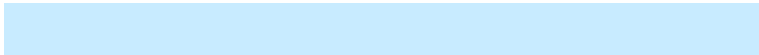
232.0080, -2.4780, 11.8740

Square

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



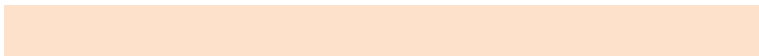
225.7390, -12.9270, -13.5270



226.8150, -27.2800, -1.2000



233.0760, 12.0100, 13.6260



231.0490, 24.6670, -1.0050

Rectangle

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



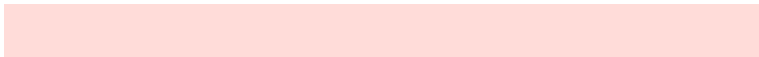
225.7390, -12.9270, -13.5270



225.1040, -29.8920, -8.9320



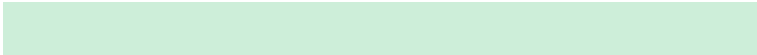
233.0760, 12.0100, 13.6260



230.1230, 21.8230, 6.4870

Sweetspot

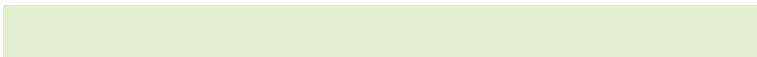
The Sweet Spot groups the original color and five complimentary colors.



225.7390, -12.9270, -13.5270



251.3260, -4.0340, -3.9860



230.6500, 3.4410, -12.8070



125.3370, -2.5670, -3.0390



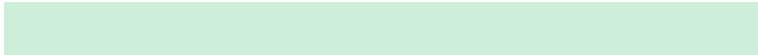
0.0000, 0.0000, 0.0000



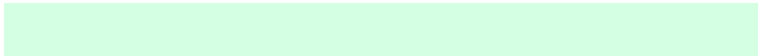
128.0000, -0.0000, -0.0000

Same Dimension

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



225.7390, -12.9270, -13.5270



238.9510, -16.6400, -17.8240



227.5630, -18.0630, -8.5510



115.5000, -4.5840, -5.0320



115.6460, -72.1070, -75.3950



35.1520, -21.8200, -23.0680

Inverse Universe

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



217.2610, 12.9270, 13.5270



227.9350, 16.9610, 17.5130



215.4370, 18.0630, 8.5510



112.3860, 4.9050, 4.7210



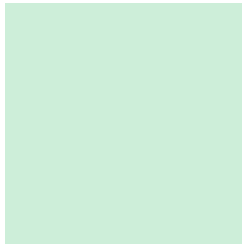
68.3540, 72.1070, 75.3950



20.8480, 21.8200, 23.0680

Previews

White Background



This preview shows how the YIQ color 225.7390, -12.9270, -13.5270 looks on a white background.

Color Contrast Check

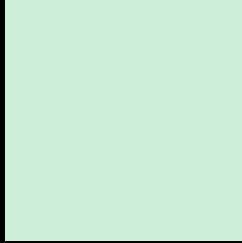
Large Text (above 18pt) WCAG AA × Fail

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 225.7390, -12.9270, -13.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

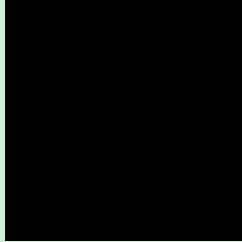
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

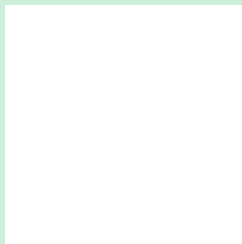
Any Text WCAG AAA ✓ Pass

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

YIQ 225.7390, -12.9270, -13.5270 Background



This preview shows how black text looks on a background with the YIQ color 225.7390, -12.9270, -13.5270.



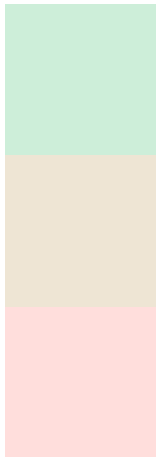
This preview shows how white text looks on a background with the YIQ color 225.7390, -12.9270, -13.5270.

-13.5270.

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

225.7390, -12.9270, -13.5270

Protanopia

229.7530, 10.8210, -3.3790

Deuteranopia

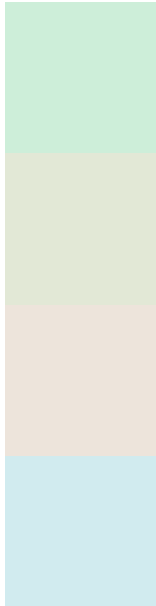
231.6390, 20.3100, 6.3740



Tritanopia

228.4740, -18.8900, 0.9340

Trichromacy



Original Color

225.7390, -12.9270, -13.5270

Protanomaly

228.1540, 2.2020, -6.8700

Deuteranomaly

229.6650, 8.2530, -0.8910

Tritanomaly

227.6820, -16.7800, -4.2680

Monochromacy



Original Color

225.7390, -12.9270, -13.5270

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.6140, -4.9050, -4.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.7390, -12.9270, -13.5270 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(205, 238, 217)` looks like.

```
.text, #text, p{  
    color:rgb(205, 238, 217)  
}
```

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(205, 238, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 238, 217) }
```

Border

The CSS property to change the border of an element to YIQ 225.7390, -12.9270, -13.5270 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(205, 238, 217) }
```


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

```
.border{ border-color:rgb(205, 238, 217) }
```

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

Here you see how a box with a 4 pixel rgb(205, 238, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 238, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 238, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 238,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 225.7390, -12.9270, -13.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 238, 217) }
```

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

```
.background{ background-color: rgb(205,  
238, 217) }
```

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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