

Converting Colors

YIQ(237.1720, 1.7910, -15.9450)

Have a look what the booklet for
YIQ(237.1720, 1.7910, -15.9450)
contains.

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Color

**YIQ(237.1720, 1.7910,
-15.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F7D0
RGB	229, 247, 208
RGB Percent	90%, 97%, 82%
CMY	0.1020, 0.0313, 0.1843
CMYK	0.07, 0.00, 0.16, 0.03
HSL	88°, 71%, 89%
HSV	88°, 16%, 97%
XYZ	76.9570, 87.7358, 72.5593
YIQ	237.1720, 1.7910, -15.9450

Conversions

Conversions Part 2

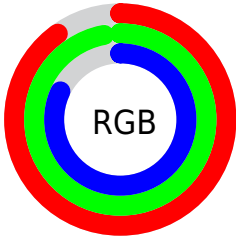
Format	Color
R _Y B	208, 247, 226
Decimal	15071184
CIE Lab	95.05, -12.64, 16.77
CIE LCh	95, 21.002, 127.002
Yxy	87.7358, 0.3244, 0.3698
Android (android.graphics.Color)	4293261264 (0xFFE5F7D0)
YUV	237.1720, -14.3818, -7.1668
Hunter-Lab	93.6674, -17.2626, 19.6383

Details

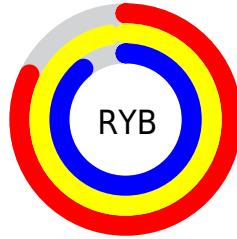
The YIQ color $237.1720, 1.7910, -15.9450$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $217.8280, -1.7910, 15.9450$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.4000, 1.1490, -15.3230$ is the 20% darker color. If you saturate the color by 10%, you get $231.0330, 3.2600, -26.0520$, and if you desaturate by 10%, it is $243.3110, 0.3220, -5.8380$.

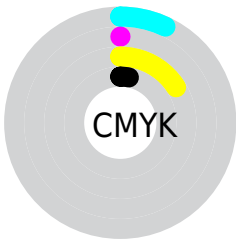
Distribution



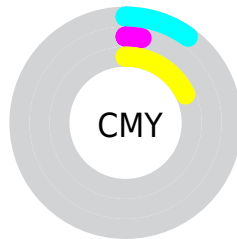
- Red (90%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.1720, 1.7910, -15.9450 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 237.1720, 1.7910, -15.9450 by changing the saturation by 10% instead.

■ 237.1720, 1.7910,
-15.9450

■ 237.1720, 1.7910,
-15.9450

255.0000, -0.0000,
-0.0000

■ 209.1720, 1.7910,
-15.9450

■ 181.4000, 1.1490,
-15.3230

■ 154.8130, 1.4240,
-14.8000

■ 128.2260, 1.6990,
-14.2770

■ 103.3400, 1.3780,
-13.9660

■ 78.8670, 1.3320,
-13.1320

■ 55.9810, 1.0110,

-12.8210

■ 34.0950, 0.6900,
-12.5100

■ 13.5010, -6.3250,
-12.0290

■ 237.1720, 1.7910,
-15.9450

■ 237.1720, 1.7910,
-15.9450

■ 231.0330, 3.2600,
-26.0520

■ 243.3110, 0.3220,
-5.8380

■ 224.7090, 3.8120,
-36.0600

■ 249.4070, 0.4120,
3.5480

■ 218.5700, 5.2810,
-46.1670

■ 250.3040, 2.2000,
4.1840

■ 212.1320, 6.1540,
-56.4860

■ 206.1070, 7.3020,
-66.2820

■ 199.6690, 8.1750,
-76.6010

■ 193.5300, 9.6440,
-86.7080

■ 187.3910, 11.1130,
-96.8150

■ 184.7560, 11.3430,
-100.9850

Harmonies

Analogous

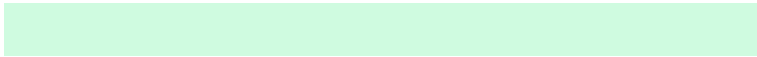
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.7290, 19.3960, -10.1080



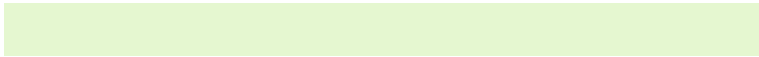
237.1720, 1.7910, -15.9450



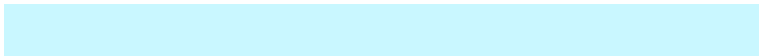
234.7660, -17.5570, -17.7250

Triad

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



237.1720, 1.7910, -15.9450



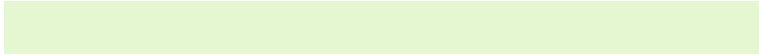
234.1580, -29.9840, -7.2640



236.5120, 13.4780, 9.0460

Complementary

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



237.1720, 1.7910, -15.9450



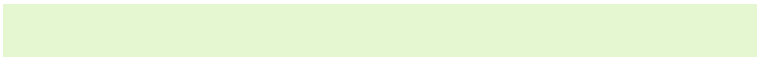
217.8280, -1.7910, 15.9450

Split Complementary

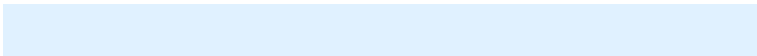
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.7380, 7.1500, 13.5980



237.1720, 1.7910, -15.9450



237.5130, -14.6260, 0.7500

Square

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



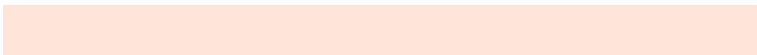
237.1720, 1.7910, -15.9450



232.6190, -38.8320, -12.1120



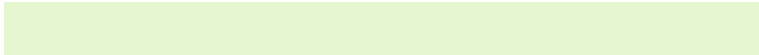
241.4770, 3.3910, 10.1350



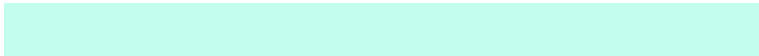
235.4060, 19.3480, 1.7800

Rectangle

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



237.1720, 1.7910, -15.9450



233.9480, -29.7530, -16.9610



241.4770, 3.3910, 10.1350



237.3100, 11.2310, 11.2230

Sweetspot

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



237.1720, 1.7910, -15.9450



251.7240, 0.5970, -5.3150



230.2270, 18.2940, -1.1460



125.8920, 0.1840, -3.3360



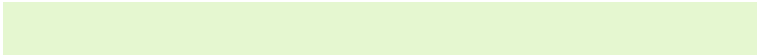
0.0000, 0.0000, 0.0000



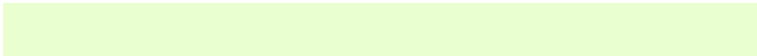
128.0000, -0.0000, -0.0000

Same Dimension

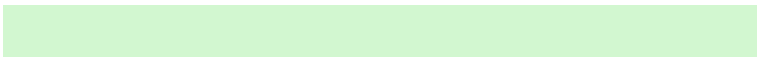
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.1720, 1.7910, -15.9450



242.9500, 2.2960, -19.5920



231.4910, -9.5330, -19.9730



119.1370, 0.8720, -4.7920



139.0820, 8.4500, -76.0780



44.2010, 2.8470, -24.0730

Inverse Universe

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



217.8280, -1.7910, 15.9450



219.0500, -2.2960, 19.5920



223.5090, 9.5330, 19.9730



113.1620, -0.2760, 5.0040



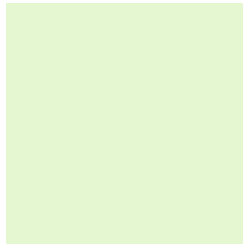
46.9180, -8.4500, 76.0780



14.7990, -2.8470, 24.0730

Previews

White Background



This preview shows how the YIQ color 237.1720, 1.7910, -15.9450 looks on a white background.

Color Contrast Check

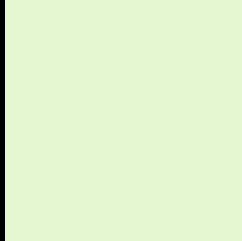
Large Text (above 18pt) WCAG AA × Fail

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 237.1720, 1.7910, -15.9450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

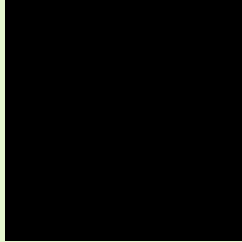
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

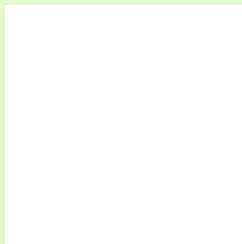
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.1720, 1.7910, -15.9450

Background



This preview shows how black text looks on a background with the YIQ color 237.1720, 1.7910, -15.9450.



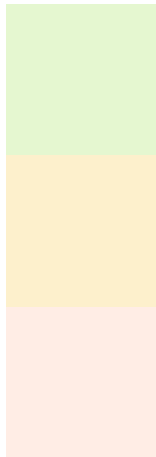
This preview shows how white text looks on a background with the YIQ color 237.1720, 1.7910, -15.9450.

-15.9450.

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

237.1720, 1.7910, -15.9450

Protanopia

239.7830, 19.3040, -8.4400

Deuteranopia

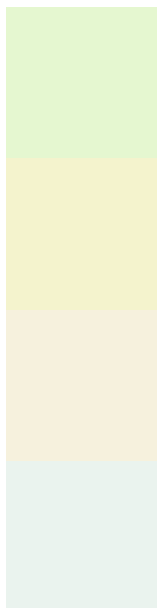
241.4700, 13.2960, 1.3280



Tritanopia

240.8130, -6.6030, 4.0290

Trichromacy



Original Color

237.1720, 1.7910, -15.9450

Protanomaly

238.9670, 12.7940, -11.6060

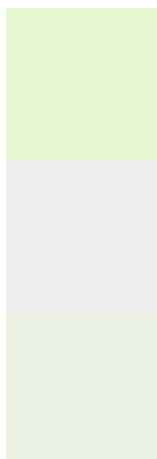
Deuteranomaly

240.2150, 9.4000, -5.1600

Tritanomaly

239.7390, -3.7590, -3.4630

Monochromacy



Original Color

237.1720, 1.7910, -15.9450

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.1970, 0.6430, -6.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.1720, 1.7910, -15.9450 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(229, 247, 208)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 208)  
}
```

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(229, 247, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 208) }
```

Border

The CSS property to change the border of an element to YIQ 237.1720, 1.7910, -15.9450 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(229, 247, 208) }
```


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

```
.border{ border-color:rgb(229, 247, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 247, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 208);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 237.1720, 1.7910, -15.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 208) }
```

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

```
.background{ background-color: rgb(229,  
247, 208) }
```

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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