

Converting Colors

YIQ(222.3510, 10.8720,
-31.8480)

Have a look what the booklet for
YIQ(222.3510, 10.8720, -31.8480)
contains.

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Color

**YIQ(222.3510, 10.8720,
-31.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F09C
RGB	213, 240, 156
RGB Percent	84%, 94%, 61%
CMY	0.1648, 0.0588, 0.3881
CMYK	0.11, 0.00, 0.35, 0.06
HSL	79°, 74%, 78%
HSV	79°, 35%, 94%
XYZ	64.5984, 78.8697, 43.2834
YIQ	222.3510, 10.8720, -31.8480

Conversions

Conversions Part 2

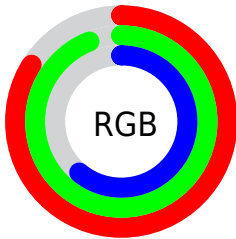
Format	Color
RYB	156, 240, 183
Decimal	14020764
CIELab	91.18, -22.36, 37.73
CIELCh	91, 43.855, 120.648
Yxy	78.8697, 0.3459, 0.4223
Android (android.graphics.Color)	4292210844 (0xFFD5F09C)
YUV	222.3510, -32.7110, -8.2008
Hunter-Lab	88.8086, -25.5761, 33.2693

Details

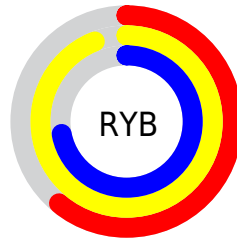
The YIQ color **222.3510, 10.8720, -31.8480** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **173.6490, -10.8720, 31.8480**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **249.9840, 14.1240, -13.6840**, and **166.8070, 9.5880, -30.6040** is the 20% darker color. If you saturate the color by 10%, you get **217.2230, 13.8080, -41.0080**, and if you desaturate by 10%, it is **227.4790, 7.9360, -22.6880**.

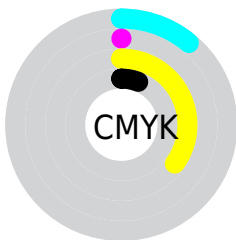
Distribution



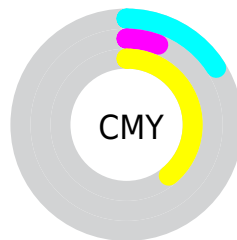
- Red (84%)
- Green (94%)
- Blue (61%)



- Red (61%)
- Yellow (94%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (35%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.3510, 10.8720, -31.8480 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 222.3510, 10.8720, -31.8480 by changing the saturation by 10% instead.

■ 222.3510, 10.8720,
-31.8480

■ 222.3510, 10.8720,
-31.8480

255.0000, -0.0000,
-0.0000

■ 194.4650, 10.5510,
-31.5370

■ 249.9840, 14.1240,
-13.6840

■ 166.8070, 9.5880,
-30.6040

■ 253.2900, 4.8150,
-4.6650

■ 140.0350, 8.9460,
-29.9820

■ 114.1490, 8.6250,
-29.6710

■ 89.2630, 8.3040,
-29.3600

■ 63.9210, 9.2670,
-30.2930

■ 43.3150, 2.5260,

-23.7620

■ 21.7300, -8.7080,
-18.4040

■ 4.6960, -2.2000,
-4.1840

■ 222.3510, 10.8720,
-31.8480

■ 222.3510, 10.8720,
-31.8480

■ 217.2230, 13.8080,
-41.0080

■ 227.4790, 7.9360,
-22.6880

■ 212.3940, 17.3400,
-49.9560

■ 232.3080, 4.4040,
-13.7400

■ 207.2660, 20.2760,
-59.1160

■ 237.4360, 1.4680,
-4.5800

■ 202.1380, 23.2120,
-68.2760

■ 242.5640, -1.4680,
4.5800

■ 197.0100, 26.1480,
-77.4360

■ 245.2980, 2.3370,
7.2090

■ 192.1810, 29.6800,
-86.3840

■ 246.1950, 4.1250,
7.8450

■ 189.6170, 31.1480,
-90.9640

Harmonies

Analogous

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



226.0240, 43.0100, -19.5660



222.3510, 10.8720, -31.8480



216.2180, -31.3540, -37.5140

Triad

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



222.3510, 10.8720, -31.8480



204.2800, -86.6500, -26.5700



218.1040, 23.9750, 22.5590

Complementary

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



222.3510, 10.8720, -31.8480



173.6490, -10.8720, 31.8480

Split Complementary

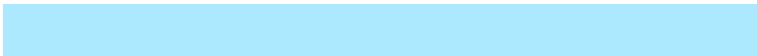
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.0630, 14.0250, 26.6730



222.3510, 10.8720, -31.8480



217.2690, -43.4180, -6.0900

Square

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



222.3510, 10.8720, -31.8480



198.2340, -107.3720, -36.4920



227.6000, -1.1490, 15.3230



215.7780, 36.0360, 7.7160

Rectangle

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



222.3510, 10.8720, -31.8480



210.7060, -62.0270, -37.7950



227.6000, -1.1490, 15.3230



220.9880, 18.6100, 26.1780

Sweetspot

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



222.3510, 10.8720, -31.8480



249.7580, 3.2570, -9.4710



196.9650, 42.6390, 3.6870



124.6810, 2.1560, -6.0360



0.0000, 0.0000, 0.0000



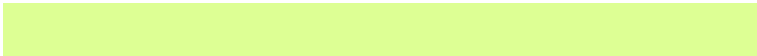
128.0000, -0.0000, -0.0000

Same Dimension

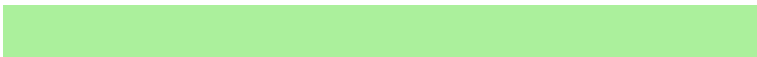
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.3510, 10.8720, -31.8480



232.6360, 14.0830, -40.4850



209.7930, -14.1600, -40.7520



117.4360, 1.4680, -4.5800



145.0840, 23.3040, -69.9440



44.2340, 7.2480, -21.2320

Inverse Universe

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



173.6490, -10.8720, 31.8480



170.3640, -14.0830, 40.4850



186.2070, 14.1600, 40.7520



110.5640, -1.4680, 4.5800



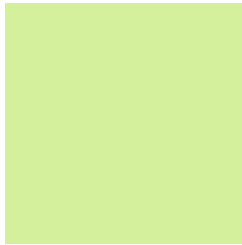
38.6170, -23.9000, 69.7320



11.7660, -7.2480, 21.2320

Previews

White Background



This preview shows how the YIQ color 222.3510, 10.8720, -31.8480 looks on a white background.

Color Contrast Check

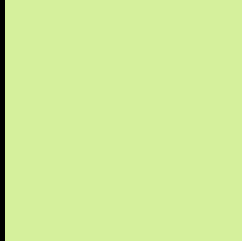
Large Text (above 18pt) WCAG AA × Fail

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 222.3510, 10.8720, -31.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

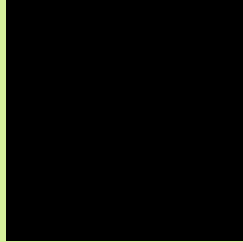
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

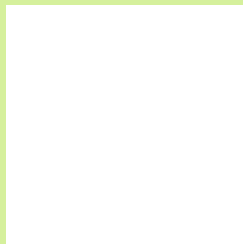
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.3510, 10.8720, -31.8480

Background



This preview shows how black text looks on a background with the YIQ color 222.3510, 10.8720, -31.8480.



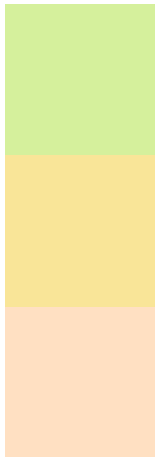
This preview shows how white text looks on a background with the YIQ color 222.3510, 10.8720, -31.8480.

-31.8480.

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**

222.3510, 10.8720, -31.8480

Protanopia

226.2020, 36.6370, -19.7070

Deuteranopia

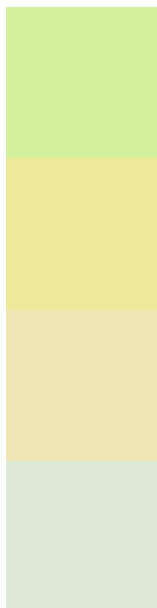
229.8490, 28.1060, -2.7580



Tritanopia

229.8560, -8.1620, 4.7500

Trichromacy



Original Color

222.3510, 10.8720, -31.8480

Protanomaly

224.7770, 27.4680, -24.2440

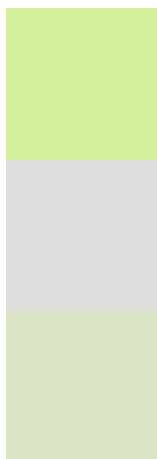
Deuteranomaly

227.2900, 22.0100, -13.4300

Tritanomaly

227.2460, -1.0530, -8.4530

Monochromacy



Original Color

222.3510, 10.8720, -31.8480

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.4760, 3.9910, -11.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.3510, 10.8720, -31.8480 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(213, 240, 156)` looks like.

```
.text, #text, p{  
    color:rgb(213, 240, 156)  
}
```

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(213, 240, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 240, 156) }
```

Border

The CSS property to change the border of an element to YIQ 222.3510, 10.8720, -31.8480 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(213, 240, 156) }
```


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

```
.border{ border-color:rgb(213, 240, 156) }
```

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

Here you see how a box with a 4 pixel rgb(213, 240, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 240, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 240, 156);  
box-shadow:4px 4px 4px 4px rgb(213, 240,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 222.3510, 10.8720, -31.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 240, 156) }
```

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

```
.background{ background-color: rgb(213,  
240, 156) }
```

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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