

Converting Colors

YUV(210.7630, -30.9422,
-15.5782)

Have a look what the booklet for
YUV(210.7630, -30.9422, -15.5782)
contains.

YUV(210.7630, -30.9422, -15.5782)	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

**YUV(210.7630, -30.9422,
-15.5782)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E894
RGB	193, 232, 148
RGB Percent	76%, 91%, 58%
CMY	0.2431, 0.0902, 0.4196
CMYK	0.17, 0.00, 0.36, 0.09
HSL	88°, 65%, 75%
HSV	88°, 36%, 91%
XYZ	56.1942, 71.1888, 38.7960
YIQ	210.7630, 3.7200, -34.3920

Conversions

Conversions Part 2

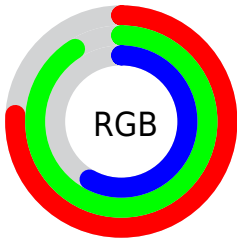
Format	Color
RYB	148, 232, 187
Decimal	12707988
CIELab	87.58, -26.80, 36.79
CIElCh	88, 45.519, 126.070
Yxy	71.1888, 0.3382, 0.4284
Android (android.graphics.Color)	4290898068 (0xFFC1E894)
YUV	210.7630, -30.9422, -15.5782
Hunter-Lab	84.3735, -28.7694, 31.7991

Details

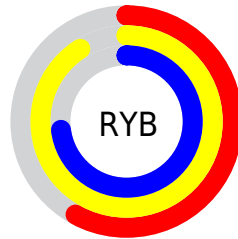
The YUV color **210.7630, -30.9422, -15.5782** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **169.2370, 30.9422, 15.5782**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5770, -21.9765, 2.1250**, and **155.5180, -29.3424, -15.3633** is the 20% darker color. If you saturate the color by 10%, you get **204.8520, -39.3670, -20.0412**, and if you desaturate by 10%, it is **216.6740, -22.5173, -11.1151**.

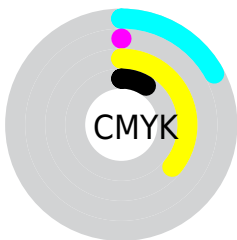
Distribution



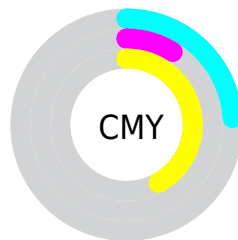
- Red (76%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7630, -30.9422, -15.5782 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 YUV color 210.7630, -30.9422, -15.5782 by changing the saturation by 10% instead.

■ 210.7630,
-30.9422, -15.5782

■ 210.7630,
-30.9422, -15.5782

255.0000, 0.0000,
0.0000

■ 182.9910,
-30.0686, -15.7781

■ 247.5770,
-21.9765, 2.1250

■ 155.5180,
-29.3424, -15.3633

■ 252.2640,
-10.4832, 2.3995

■ 129.0450,
-28.6162, -14.9485

■ 103.2730,
-27.7426, -15.1484

■ 78.2730, -27.7426,
-15.1484

■ 54.2020, -26.7216,
-15.9632

■ 32.9270, -16.2330,

-20.1070

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 210.7630,
-30.9422, -15.5782

■ 210.7630,
-30.9422, -15.5782

■ 204.8520,
-39.3670, -20.0412

■ 216.6740,
-22.5173, -11.1151

■ 198.9410,
-47.7919, -24.5043

■ 222.5850,
-14.0924, -6.6520

■ 193.2150,
-56.8010, -28.2526

■ 228.3110, -5.0833,
-2.9037

■ 187.3040,
-65.2259, -32.7156

■ 234.2220, 3.3416,
1.5593

■ 181.3930,
-73.6507, -37.1787

■ 239.1070, 7.8352,
6.9222

■ 175.4820,
-82.0756, -41.6417

■ 241.4990, 6.6560,
11.8404

■ 173.2600,
-85.4172, -43.2010

Harmonies

Analogous

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



215.9480, -41.3864, 21.0936



210.7630, -30.9422, -15.5782



203.6020, -10.1568, -55.7790

Triad

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



210.7630, -30.9422, -15.5782



193.9470, 30.0991, -87.6535



209.5950, 1.1857, 39.8202

Complementary

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



210.7630, -30.9422, -15.5782



169.2370, 30.9422, 15.5782

Split Complementary

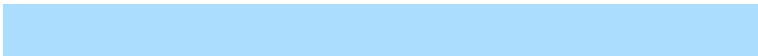
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.4320, 18.5210, 32.9471



210.7630, -30.9422, -15.5782



209.9260, 22.2215, -34.1381

Square

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



210.7630, -30.9422, -15.5782



178.9090, 37.5129, -132.3472



219.9690, 17.2703, 14.0592



207.8560, -18.1700, 41.3453

Rectangle

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



210.7630, -30.9422, -15.5782



196.1220, 7.8279, -84.2990



219.9690, 17.2703, 14.0592



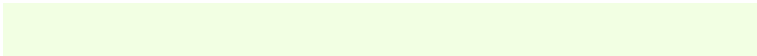
211.3050, 7.7376, 38.3205

Sweetspot

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



210.7630, -30.9422, -15.5782



247.9210, -10.3141, -5.1927



195.4220, -23.3790, 32.0789



123.6700, -6.2463, -3.2186



0.0000, 0.0000, 0.0000



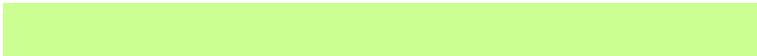
128.0000, 0.0000, 0.0000

Same Dimension

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



210.7630, -30.9422, -15.5782



227.2110, -40.5300, -20.3560



198.5040, -24.8985, -40.7840



111.8380, -4.3571, -2.4889



133.7770, -65.9521, -33.1304



38.0100, -18.7389, -9.6558

Inverse Universe

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



169.2370, 30.9422, 15.5782



172.7890, 40.5300, 20.3560



181.4960, 24.8985, 40.7840



106.1620, 4.3571, 2.4889



45.2230, 65.9521, 33.1304



12.9900, 18.7389, 9.6558

Previews

White Background



This preview shows how the YUV color 210.7630, -30.9422, -15.5782 looks on a white background.

Color Contrast Check

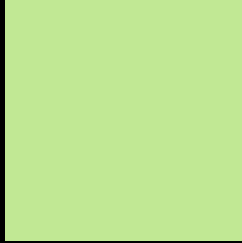
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 210.7630, -30.9422, -15.5782 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](#).

YUV 210.7630, -30.9422, -15.5782 Background



This preview shows how black text looks on a background with the YUV color 210.7630, -30.9422, -15.5782.



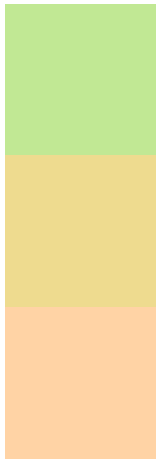
This preview shows how white text looks on a background with the YUV color 210.7630, -30.9422, -15.5782.

-15.5782.

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

210.7630, -30.9422, -15.5782

Protanopia

216.0170, -35.9974, 19.2791

Deuteranopia

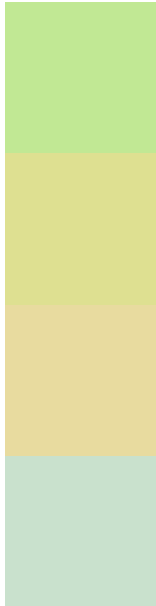
218.9120, -26.5786, 31.6492



Tritanopia

218.4530, 9.6367, -10.9213

Trichromacy



Original Color

210.7630, -30.9422, -15.5782

Protanomaly

214.3960, -34.2122, 6.6687

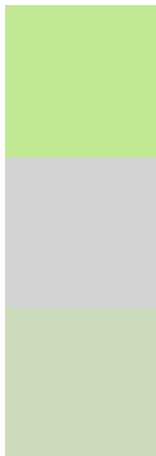
Deuteranomaly

216.0470, -28.1242, 13.9908

Tritanomaly

215.5440, -5.1982, -12.7551

Monochromacy



Original Color

210.7630, -30.9422, -15.5782

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.9810, -11.3296, -6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7630, -30.9422, -15.5782 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(193, 232, 148)` looks like.

```
.text, #text, p{  
    color:rgb(193, 232, 148)  
}
```

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(193, 232, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 232, 148) }
```

Border

The CSS property to change the border of an element to YUV 210.7630, -30.9422, -15.5782 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(193, 232, 148) }
```


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

```
.border{ border-color:rgb(193, 232, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 232, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 232, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 232, 148);  
box-shadow:4px 4px 4px 4px rgb(193, 232,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 210.7630, -30.9422, -15.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 232, 148) }
```

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

```
.background{ background-color: rgb(193,  
232, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor