

Converting Colors

YUV(210.3730, -22.8619,
-40.6691)

Have a look what the booklet for
YUV(210.3730, -22.8619, -40.6691)
contains.

YUV(210.3730, -22.8619, -40.6691)	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(210.3730, -22.8619,
-40.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F3A4
RGB	164, 243, 164
RGB Percent	64%, 95%, 64%
CMY	0.3569, 0.0471, 0.3569
CMYK	0.33, 0.00, 0.33, 0.05
HSL	120°, 77%, 80%
HSV	120°, 33%, 95%
XYZ	54.0613, 74.6740, 46.6862
YIQ	210.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

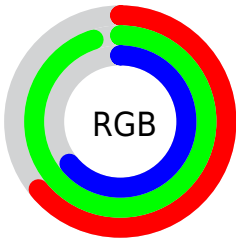
Format	Color
RYB	164, 243, 243
Decimal	10810276
CIELab	89.24, -39.35, 30.64
CIELCh	89, 49.868, 142.097
Yxy	74.6740, 0.3082, 0.4257
Android (android.graphics.Color)	4289000356 (0xFFA4F3A4)
YUV	210.3730, -22.8619, -40.6691
Hunter-Lab	86.4141, -39.5539, 28.4578

Details

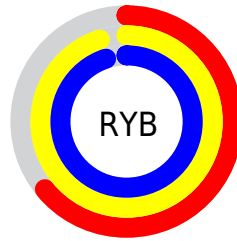
The YUV color **210.3730, -22.8619, -40.6691** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **196.6270, 22.8619, 40.6691**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.7300, -10.7129, -17.3032**, and **154.4270, -21.4095, -39.8395** is the 20% darker color. If you saturate the color by 10%, you get **200.4610, -29.8073, -53.0243**, and if you desaturate by 10%, it is **220.2850, -15.9165, -28.3139**.

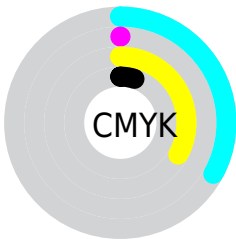
Distribution



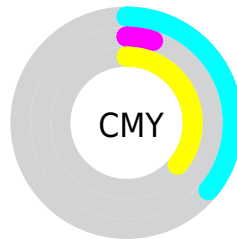
- Red (64%)
- Green (95%)
- Blue (64%)



- Red (64%)
- Yellow (95%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)



- Cyan (36%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.3730, -22.8619, -40.6691 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 210.3730, -22.8619, -40.6691 by changing the saturation by 10% instead.

■ 210.3730,
-22.8619, -40.6691

■ 210.3730,
-22.8619, -40.6691

255.0000, 0.0000,
0.0000

■ 181.9000,
-22.1357, -40.2543

■ 240.7300,
-10.7129, -17.3032

■ 154.4270,
-21.4095, -39.8395

■ 252.7070, -2.3206,
-2.3740

■ 127.6550,
-20.5359, -40.0394

■ 100.9970,
-19.2255, -40.3394

■ 74.4310, -17.4675,
-44.2280

■ 49.8440, -17.1781,
-43.7132

■ 34.0460, -16.7847,

-29.8583

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 210.3730,
-22.8619, -40.6691

■ 210.3730,
-22.8619, -40.6691

■ 200.4610,
-29.8073, -53.0243

■ 220.2850,
-15.9165, -28.3139

■ 190.1360,
-37.0420, -65.8943

■ 230.6100, -8.6817,
-15.4440

■ 180.2240,
-43.9874, -78.2494

■ 240.5220, -1.7363,
-3.0888

■ 170.3120,
-50.9328, -90.6046

■ 247.9560, 3.4727,
6.1776

■ 160.4000,
-57.8782, -102.9598

■ 150.0750,
-65.1130, -115.8298

■ 142.6410,
-70.3220, -125.0962

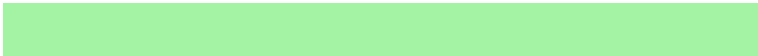
Harmonies

Analogous

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



216.9410, -40.8899, 1.8057



210.3730, -22.8619, -40.6691



199.1060, 5.3707, -89.5470

Triad

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



210.3730, -22.8619, -40.6691



204.1130, 25.0873, -66.7511



208.3750, -8.5659, 40.8901

Complementary

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



210.3730, -22.8619, -40.6691



196.6270, 22.8619, 40.6691

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.



213.8470, 12.4004, 36.0912



210.3730, -22.8619, -40.6691



219.5380, 17.4828, -7.4878

Square

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



210.3730, -22.8619, -40.6691



172.2980, 40.7721, -151.1053



222.1280, 16.2059, 28.8287



210.8590, -29.5105, 38.7117

Rectangle

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



210.3730, -22.8619, -40.6691



180.7310, 30.6986, -140.0841



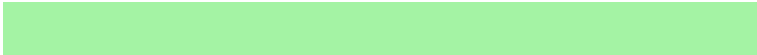
222.1280, 16.2059, 28.8287



209.6120, -1.2877, 39.8053

Sweetspot

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



210.3730, -22.8619, -40.6691



244.6750, -7.2348, -12.8700



233.9940, -34.5070, 7.8983



121.3920, -4.6303, -8.2368



0.0000, 0.0000, 0.0000



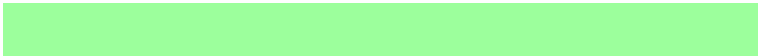
128.0000, 0.0000, 0.0000

Same Dimension

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



210.3730, -22.8619, -40.6691



214.1130, -28.6497, -50.9651



214.8190, -5.8268, -44.5683



117.0440, -3.4727, -6.1776



109.1820, -53.8267, -95.7526



34.6330, -17.0741, -30.3731

Inverse Universe

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



196.6270, 22.8619, 40.6691



196.8870, 28.6497, 50.9651



192.0670, 5.3900, 44.6682



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 210.3730, -22.8619, -40.6691 looks on a white background.

Color Contrast Check

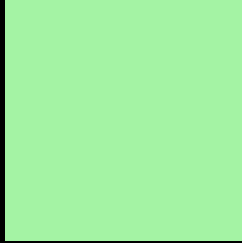
Large Text (above 18pt) WCAG AA × Fail

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 210.3730, -22.8619, -40.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

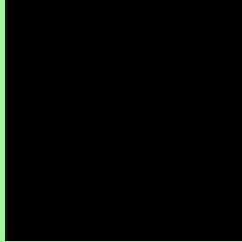
Any Text WCAG AA ✓ Pass

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 210.3730, -22.8619, -40.6691 Background



This preview shows how black text looks on a background with the YUV color 210.3730, -22.8619, -40.6691.



This preview shows how white text looks on a background with the YUV color 210.3730, -22.8619, -40.6691.

-40.6691.

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

210.3730, -22.8619, -40.6691

Protanopia

220.6300, -32.3556, 17.8645

Deuteranopia

223.8990, -20.1632, 27.2756



Tritanopia

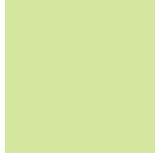
218.6180, 15.9643, -33.8680

Trichromacy



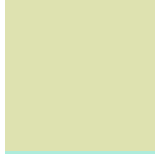
Original Color

210.3730, -22.8619, -40.6691



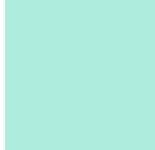
Protanomaly

216.7090, -28.9435, -3.2528



Deuteranomaly

219.1040, -21.2503, 2.5398



Tritanomaly

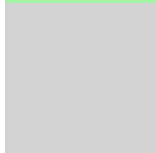
215.5240, 1.7137, -36.4165

Monochromacy



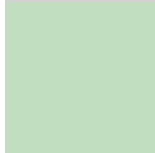
Original Color

210.3730, -22.8619, -40.6691



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.0230, -8.3923, -14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.3730, -22.8619, -40.6691 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(164, 243, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 243, 164)  
}
```

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(164, 243, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 243, 164) }
```

Border

The CSS property to change the border of an element to YUV 210.3730, -22.8619, -40.6691 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(164, 243, 164) }
```


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

```
.border{ border-color:rgb(164, 243, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 243, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 243, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 243, 164); box-shadow:4px 4px 4px 4px rgb(164, 243, 164) }
```

Background

The CSS property to change the background color of an element to YUV 210.3730, -22.8619, -40.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 243, 164) }
```

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

```
.background{ background-color: rgb(164,  
243, 164) }
```

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