

Converting Colors

YUV(201.1890, -23.7572,
-33.4918)

Have a look what the booklet for
YUV(201.1890, -23.7572, -33.4918)
contains.

YUV(201.1890, -23.7572, -33.4918)	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(201.1890, -23.7572,
-33.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E699
RGB	163, 230, 153
RGB Percent	64%, 90%, 60%
CMY	0.3608, 0.0980, 0.4000
CMYK	0.29, 0.00, 0.33, 0.10
HSL	112°, 61%, 75%
HSV	112°, 33%, 90%
XYZ	49.1508, 66.6801, 40.4170
YIQ	201.1890, -15.2150, -38.1510

Conversions

Conversions Part 2

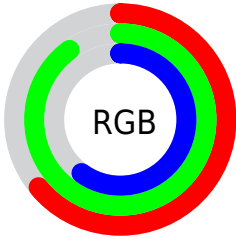
Format	Color
RYB	153, 230, 220
Decimal	10741401
CIELab	85.34, -35.49, 30.99
CIElCh	85, 47.118, 138.871
Yxy	66.6801, 0.3146, 0.4268
Android (android.graphics.Color)	4288931481 (0xFFA3E699)
YUV	201.1890, -23.7572, -33.4918
Hunter-Lab	81.6579, -35.4600, 27.8146

Details

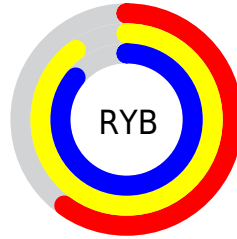
The YUV color **201.1890, -23.7572, -33.4918** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **181.8110, 23.7572, 33.4918**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8780, -15.2229, -17.4330**, and **146.2430, -22.3048, -32.6621** is the 20% darker color. If you saturate the color by 10%, you get **192.5870, -30.8554, -43.4878**, and if you desaturate by 10%, it is **209.7910, -16.6590, -23.4957**.

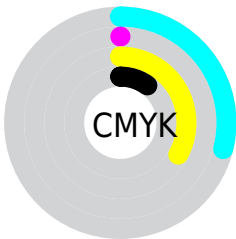
Distribution



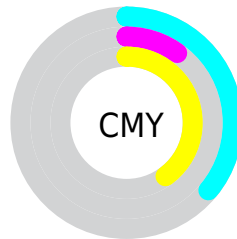
- Red (64%)
- Green (90%)
- Blue (60%)



- Red (60%)
- Yellow (90%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)
- Black (10%)



- Cyan (36%)
- Magenta (10%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.1890, -23.7572, -33.4918 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 201.1890, -23.7572, -33.4918 by changing the saturation by 10% instead.

■ 201.1890,
-23.7572, -33.4918

■ 201.1890,
-23.7572, -33.4918

255.0000, 0.0000,
0.0000

■ 173.7160,
-23.0310, -33.0769

■ 238.8780,
-15.2229, -17.4330

■ 146.2430,
-22.3048, -32.6621

■ 251.0400, -7.4147,
-1.7891

■ 119.7700,
-21.5786, -32.2473

■ 93.8130, -20.1208,
-33.1620

■ 68.0300, -19.2418,
-35.1063

■ 42.2470, -18.3628,
-37.0506

■ 28.1760, -13.8908,

-24.7104

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 201.1890,
-23.7572, -33.4918

■ 201.1890,
-23.7572, -33.4918

■ 192.5870,
-30.8554, -43.4878

■ 209.7910,
-16.6590, -23.4957

■ 183.9850,
-37.9536, -53.4838

■ 218.3930, -9.5607,
-13.4997

■ 175.3830,
-45.0518, -63.4799

■ 226.9950, -2.4625,
-3.5036

■ 166.7810,
-52.1500, -73.4759

■ 235.5970, 4.6357,
6.4924

■ 158.1790,
-59.2482, -83.4720

■ 240.3250, 7.2348,
12.8700

■ 149.5770,
-66.3465, -93.4680

■ 143.9800,
-70.9821, -99.9605

Harmonies

Analogous

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



207.0170, -39.4484, 6.1241



201.1890, -23.7572, -33.4918



191.5590, 1.6964, -77.6662

Triad

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



201.1890, -23.7572, -33.4918



194.3560, 29.8975, -69.5952



202.6360, -7.7085, 45.9232

Complementary

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



201.1890, -23.7572, -33.4918



181.8110, 23.7572, 33.4918

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.



208.3530, 11.6580, 40.9094



201.1890, -23.7572, -33.4918



208.8730, 22.7406, -13.9206

Square

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



201.1890, -23.7572, -33.4918



165.2540, 44.2448, -144.9278



216.8340, 18.8158, 31.7176



204.0600, -27.6376, 44.6744

Rectangle

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



201.1890, -23.7572, -33.4918



179.4200, 22.4709, -114.3783



216.8340, 18.8158, 31.7176



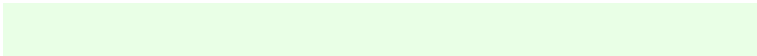
203.7590, -0.8672, 44.9384

Sweetspot

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



201.1890, -23.7572, -33.4918



245.5720, -7.6770, -11.0256



215.3520, -30.7395, 12.8463



121.9900, -4.9251, -7.0072



0.0000, 0.0000, 0.0000



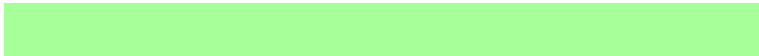
128.0000, 0.0000, 0.0000

Same Dimension

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



201.1890, -23.7572, -33.4918



216.7610, -31.4342, -44.5174



201.3910, -10.0528, -42.4389



110.6420, -3.7675, -4.9480



111.9500, -55.1913, -78.0091



32.0300, -15.7908, -21.9513

Inverse Universe

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



181.8110, 23.7572, 33.4918



191.2390, 31.4342, 44.5174



181.6090, 10.0528, 42.4389



107.3580, 3.7675, 4.9480



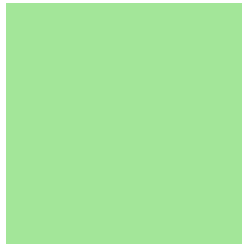
66.7510, 55.3388, 77.3944



18.9700, 15.7908, 21.9513

Previews

White Background



This preview shows how the YUV color 201.1890, -23.7572, -33.4918 looks on a white background.

Color Contrast Check

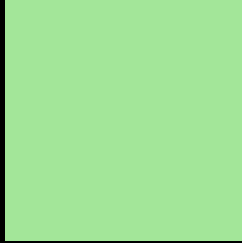
Large Text (above 18pt) WCAG AA × Fail

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 201.1890, -23.7572, -33.4918 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 201.1890, -23.7572, -33.4918 Background



This preview shows how black text looks on a background with the YUV color 201.1890, -23.7572, -33.4918.



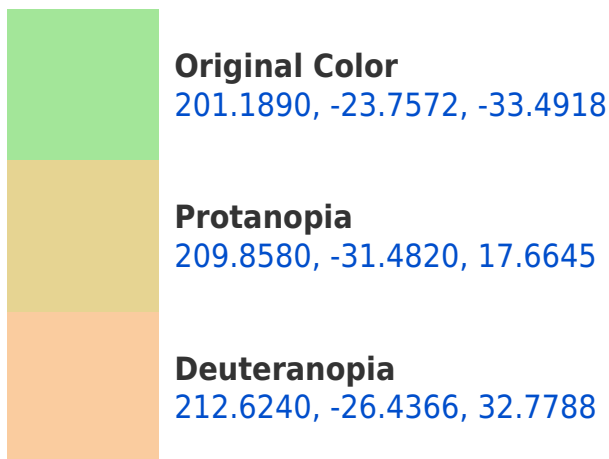
This preview shows how white text looks on a background with the YUV color 201.1890, -23.7572, -33.4918.

-33.4918.

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





Tritanopia

209.3800, 13.6167, -27.5203

Trichromacy



Original Color

201.1890, -23.7572, -33.4918

Protanomaly

207.1330, -28.6596, -0.9936

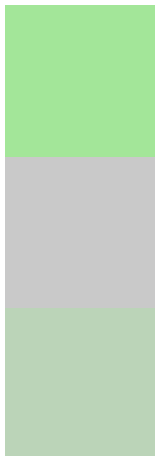
Deuteranomaly

208.1110, -25.1977, 8.6727

Tritanomaly

206.6990, -0.3446, -29.5540

Monochromacy



Original Color

201.1890, -23.7572, -33.4918

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.3330, -8.5452, -12.5700

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.1890, -23.7572, -33.4918 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(163, 230, 153)` looks like.

```
.text, #text, p{  
    color:rgb(163, 230, 153)  
}
```

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(163, 230, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 230, 153) }
```

Border

The CSS property to change the border of an element to YUV 201.1890, -23.7572, -33.4918 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(163, 230, 153) }
```


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

```
.border{ border-color:rgb(163, 230, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 230, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 230, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 230, 153);  
box-shadow:4px 4px 4px 4px rgb(163, 230,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 201.1890, -23.7572, -33.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 230, 153) }
```

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

```
.background{ background-color: rgb(163,  
230, 153) }
```

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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