

Converting Colors

YUV(201.3630, -4.1230,
-31.0134)

Have a look what the booklet for
YUV(201.3630, -4.1230, -31.0134)
contains.

YUV(201.3630, -4.1230, -31.0134)	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(201.3630, -4.1230,
-31.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	A6DDC1
RGB	166, 221, 193
RGB Percent	65%, 87%, 76%
CMY	0.3490, 0.1333, 0.2431
CMYK	0.25, 0.00, 0.13, 0.13
HSL	149°, 45%, 76%
HSV	149°, 25%, 87%
XYZ	51.2080, 63.6701, 60.0427
YIQ	201.3630, -23.7920, -20.3680

Conversions

Conversions Part 2

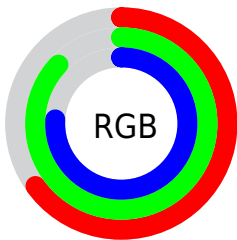
Format	Color
RYB	166, 203, 221
Decimal	10935745
CIELab	83.79, -23.29, 8.05
CIELCh	84, 24.645, 160.934
Yxy	63.6701, 0.2927, 0.3640
Android (android.graphics.Color)	4289125825 (0xFFA6DDC1)
YUV	201.3630, -4.1230, -31.0134
Hunter-Lab	79.7936, -25.0854, 11.2412

Details

The YUV color **201.3630, -4.1230, -31.0134** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185.6370, 4.1230, 31.0134**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4490, 2.2436, -19.6878**, and **147.0750, -3.9810, -29.8838** is the 20% darker color. If you saturate the color by 10%, you get **193.5310, -5.6848, -43.4387**, and if you desaturate by 10%, it is **209.1950, -2.5611, -18.5880**.

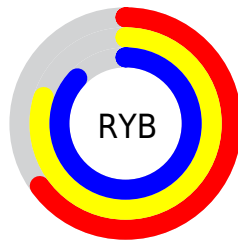
Distribution



Red (65%)

Green (87%)

Blue (76%)



Red (65%)

Yellow (80%)

Blue (87%)

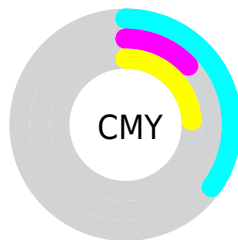


Cyan (25%)

Magenta (0%)

Yellow (13%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.3630, -4.1230, -31.0134 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 201.3630, -4.1230, -31.0134 by changing the saturation by 10% instead.

■ 201.3630, -4.1230,
-31.0134

■ 201.3630, -4.1230,
-31.0134

255.0000, 0.0000,
0.0000

■ 173.7760, -3.8336,
-30.4986

■ 244.4490, 2.2436,
-19.6878

■ 147.0750, -3.9810,
-29.8838

■ 253.8040, 0.5896,
-2.4591

■ 120.6020, -3.2548,
-29.4690

■ 95.6020, -3.2548,
-29.4690

■ 71.1290, -2.5286,
-29.0541

■ 46.1610, -1.0654,
-31.7132

■ 27.8630, -2.3975,

-24.4359

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 201.3630, -4.1230,
-31.0134

■ 201.3630, -4.1230,
-31.0134

■ 193.5310, -5.6848,
-43.4387

■ 209.1950, -2.5611,
-18.5880

■ 185.5850, -7.6834,
-55.7640

■ 217.1410, -0.5625,
-6.2627

■ 177.7530, -9.2452,
-68.1894

■ 224.9730, 0.9993,
6.1627

■ 169.9210,
-10.8071, -80.6147

■ 232.8050, 2.5611,
18.5880

■ 162.0890,
-12.3689, -93.0401

■ 234.3580, 7.2185,
18.1030

■ 153.8440,
-14.2201, -105.9802

■ 235.0420, 9.8393,
17.5032

■ 146.0120,
-15.7819, -118.4055

■ 142.0390,
-16.7812, -124.5682

Harmonies

Analogous

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



204.5090, -15.5339, -10.9704



201.3630, -4.1230, -31.0134



199.3040, 8.7241, -44.9936

Triad

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



201.3630, -4.1230, -31.0134



208.7590, 22.3038, -13.8206



211.5180, -15.5384, 37.2567

Complementary

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



201.3630, -4.1230, -31.0134



185.6370, 4.1230, 31.0134

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.



211.8630, -5.3555, 37.8311



201.3630, -4.1230, -31.0134



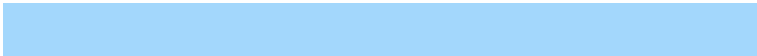
211.8930, 15.8288, 9.7408

Square

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



201.3630, -4.1230, -31.0134



203.6700, 23.8267, -35.6676



213.0820, 5.8756, 28.8691



209.2580, -21.3262, 26.9607

Rectangle

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



201.3630, -4.1230, -31.0134



199.2310, 16.1551, -48.4376



213.0820, 5.8756, 28.8691



211.3270, -12.4862, 38.3012

Sweetspot

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



201.3630, -4.1230, -31.0134



248.5920, -1.2779, -10.1662



206.6570, -20.0439, -11.1002



124.0270, -0.9993, -6.1627



0.0000, 0.0000, 0.0000



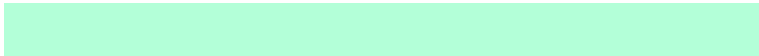
128.0000, 0.0000, 0.0000

Same Dimension

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



201.3630, -4.1230, -31.0134



227.8300, -5.8322, -42.8239



204.4410, 7.6706, -33.7128



106.0270, -0.9993, -6.1627



111.2410, -12.9368, -97.5584



29.6240, -3.2656, -25.9802

Inverse Universe

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



185.6370, 4.1230, 31.0134



206.0560, 5.3954, 42.9239



182.5590, -7.6706, 33.7128



102.8590, 0.5625, 6.2627



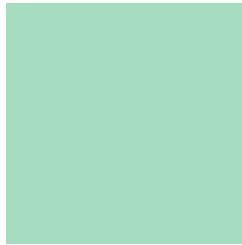
61.7590, 12.9368, 97.5584



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 201.3630, -4.1230, -31.0134 looks on a white background.

Color Contrast Check

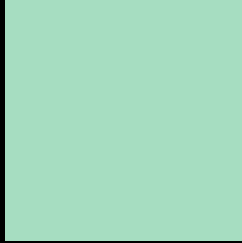
Large Text (above 18pt) WCAG AA × Fail

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 201.3630, -4.1230, -31.0134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

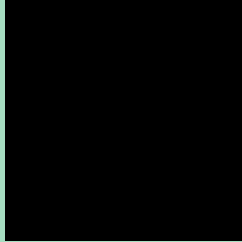
Any Text WCAG AA ✓ Pass

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 201.3630, -4.1230, -31.0134 Background



This preview shows how black text looks on a background with the YUV color 201.3630, -4.1230, -31.0134.



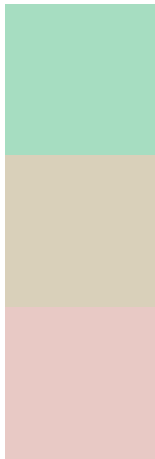
This preview shows how white text looks on a background with the YUV color 201.3630, -4.1230, -31.0134.

-31.0134.

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

201.3630, -4.1230, -31.0134

Protanopia

208.1830, -10.9362, 7.7325

Deuteranopia

209.8130, -6.3168, 19.4580



Tritanopia

204.7930, 13.9061, -27.0055

Trichromacy



Original Color

201.3630, -4.1230, -31.0134

Protanomaly

205.7790, -8.2720, -6.8222

Deuteranomaly

206.6320, -5.2416, 1.1997

Tritanomaly

203.3600, 7.2175, -28.3797

Monochromacy



Original Color

201.3630, -4.1230, -31.0134

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.3630, -4.1230, -31.0134 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(166, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 221, 193)  
}
```

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(166, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 221, 193) }
```

Border

The CSS property to change the border of an element to YUV 201.3630, -4.1230, -31.0134 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(166, 221, 193) }
```


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

```
.border{ border-color:rgb(166, 221, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 221, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 221,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 201.3630, -4.1230, -31.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 221, 193) }
```

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

```
.background{ background-color: rgb(166,  
221, 193) }
```

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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