

Converting Colors

YUV(200.3940, -17.9422,
-31.9175)

Have a look what the booklet for
YUV(200.3940, -17.9422, -31.9175)
contains.

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Color

**YUV(200.3940, -17.9422,
-31.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E2A4
RGB	164, 226, 164
RGB Percent	64%, 89%, 64%
CMY	0.3569, 0.1137, 0.3569
CMYK	0.27, 0.00, 0.27, 0.11
HSL	120°, 52%, 76%
HSV	120°, 27%, 89%
XYZ	49.2070, 64.9656, 45.0681
YIQ	200.3940, -17.0500, -32.4260

Conversions

Conversions Part 2

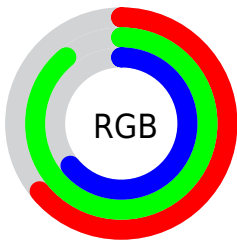
Format	Color
RYB	164, 226, 226
Decimal	10805924
CIELab	84.47, -31.56, 24.17
CIELCh	84, 39.751, 142.558
Yxy	64.9656, 0.3090, 0.4080
Android (android.graphics.Color)	4288996004 (0xFFA4E2A4)
YUV	200.3940, -17.9422, -31.9175
Hunter-Lab	80.6012, -32.0779, 23.2689

Details

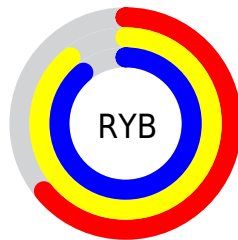
The YUV color **200.3940, -17.9422, -31.9175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **189.6060, 17.9422, 31.9175**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4310, -10.5655, -17.9180**, and **145.4480, -16.4899, -31.0879** is the 20% darker color. If you saturate the color by 10%, you get **190.8950, -24.5982, -43.7579**, and if you desaturate by 10%, it is **209.8930, -11.2862, -20.0772**.

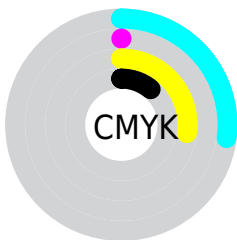
Distribution



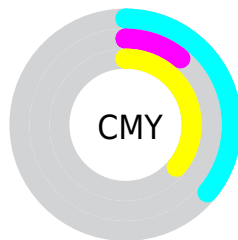
- Red (64%)
- Green (89%)
- Blue (64%)



- Red (64%)
- Yellow (89%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3940, -17.9422, -31.9175 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 200.3940, -17.9422, -31.9175 by changing the saturation by 10% instead.

■ 200.3940,
-17.9422, -31.9175

■ 200.3940,
-17.9422, -31.9175

■ 255.0000, 0.0000,
0.0000

■ 172.9210,
-17.2161, -31.5027

■ 240.4310,
-10.5655, -17.9180

■ 145.4480,
-16.4899, -31.0879

■ 252.4080, -2.1731,
-2.9888

■ 119.5620,
-16.0531, -31.1879

■ 94.0890, -15.3269,
-30.7731

■ 69.0180, -14.3059,
-31.5878

■ 42.8540, -12.2530,
-36.7060

■ 26.4150, -13.0226,

-23.1660

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 200.3940,
-17.9422, -31.9175

■ 200.3940,
-17.9422, -31.9175

■ 190.8950,
-24.5982, -43.7579

■ 209.8930,
-11.2862, -20.0772

■ 181.8090,
-30.9648, -55.0835

■ 218.9790, -4.9196,
-8.7516

■ 172.3100,
-37.6208, -66.9239

■ 228.4780, 1.7363,
3.0888

■ 163.2240,
-43.9874, -78.2494

■ 237.5640, 8.1029,
14.4144

■ 153.7250,
-50.6434, -90.0898

■ 237.9770, 8.3923,
14.9292

■ 144.2260,
-57.2994, -101.9302

■ 135.1400,
-63.6660, -113.2558

■ 132.6620,
-65.4024, -116.3446

Harmonies

Analogous

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



205.3460, -31.7226, 1.4506



200.3940, -17.9422, -31.9175



193.6790, 3.1163, -66.3705

Triad

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



200.3940, -17.9422, -31.9175



199.5050, 27.3590, -48.6779



205.2290, -10.4659, 43.6492

Complementary

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



200.3940, -17.9422, -31.9175



189.6060, 17.9422, 31.9175

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.



208.9740, 6.4218, 40.3648



200.3940, -17.9422, -31.9175



209.2160, 22.5715, -6.3284

Square

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



200.3940, -17.9422, -31.9175



188.6420, 32.7145, -86.5090



215.6380, 19.4055, 29.2585



206.9780, -26.6112, 42.1153

Rectangle

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



200.3940, -17.9422, -31.9175



188.2710, 18.6004, -86.1837



215.6380, 19.4055, 29.2585



205.4230, -4.6455, 43.4790

Sweetspot

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



200.3940, -17.9422, -31.9175



246.7400, -5.7878, -10.2960



218.9320, -27.0815, 6.1986



122.6310, -3.7621, -6.6924



0.0000, 0.0000, 0.0000



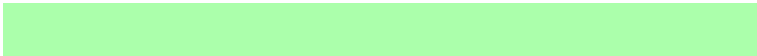
128.0000, 0.0000, 0.0000

Same Dimension

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



200.3940, -17.9422, -31.9175



220.3080, -24.3088, -43.2431



203.9280, -4.4015, -35.0169



107.4570, -3.1833, -5.6628



103.3120, -50.9328, -90.6046



28.1760, -13.8908, -24.7104

Inverse Universe

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



189.6060, 17.9422, 31.9175



205.6920, 24.3088, 43.2431



186.0720, 4.4015, 35.0169



105.5430, 3.1833, 5.6628



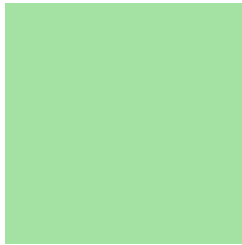
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 200.3940, -17.9422, -31.9175 looks on a white background.

Color Contrast Check

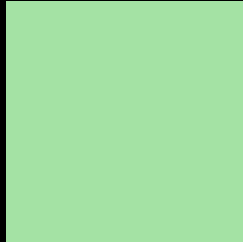
Large Text (above 18pt) WCAG AA × Fail

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 200.3940, -17.9422, -31.9175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

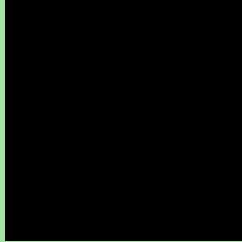
Any Text WCAG AA ✓ Pass

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 200.3940, -17.9422, -31.9175 Background



This preview shows how black text looks on a background with the YUV color 200.3940, -17.9422, -31.9175.



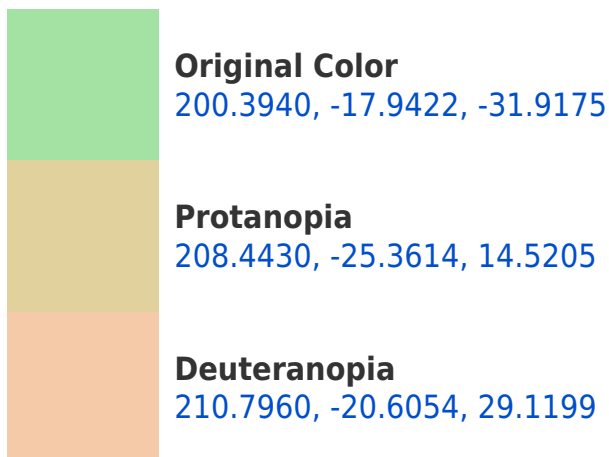
This preview shows how white text looks on a background with the YUV color 200.3940, -17.9422, -31.9175.

-31.9175.

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

206.9780, 13.3218, -26.2907

Trichromacy



Original Color

200.3940, -17.9422, -31.9175



Protanomaly

205.7290, -22.5444, -2.3933



Deuteranomaly

207.1800, -19.8087, 6.8581



Tritanomaly

204.3940, 2.2708, -28.4095

Monochromacy



Original Color

200.3940, -17.9422, -31.9175



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3940, -17.9422, -31.9175 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, 226, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 226, 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, 226, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 164) }
```

Border

The CSS property to change the border of an element to YUV 200.3940, -17.9422, -31.9175 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, 226, 164) }
```


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

```
.border{ border-color:rgb(164, 226, 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, 226, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 226, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 226, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 226,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 200.3940, -17.9422, -31.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 164) }
```

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

```
.background{ background-color: rgb(164,  
226, 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](#).

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