

Converting Colors

YUV(200.9380, -39.9024,
-35.0256)

Have a look what the booklet for
YUV(200.9380, -39.9024, -35.0256)
contains.

YUV(200.9380, -39.9024, -35.0256)	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(200.9380, -39.9024,
-35.0256)**

Conversions

Conversions Part 1

Format	Color
Hex	A1ED78
RGB	161, 237, 120
RGB Percent	63%, 93%, 47%
CMY	0.3686, 0.0706, 0.5294
CMYK	0.32, 0.00, 0.49, 0.07
HSL	99°, 76%, 70%
HSV	99°, 49%, 93%
XYZ	48.3723, 69.5015, 28.6349
YIQ	200.9380, -7.7390, -52.4990

Conversions

Conversions Part 2

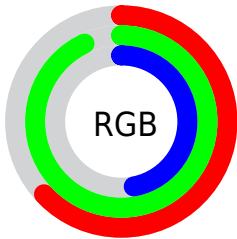
Format	Color
RYB	120, 237, 196
Decimal	10612088
CIELab	86.75, -43.70, 49.02
CIELCh	87, 65.669, 131.713
Yxy	69.5015, 0.3302, 0.4744
Android (android.graphics.Color)	4288802168 (0xFFA1ED78)
YUV	200.9380, -39.9024, -35.0256
Hunter-Lab	83.3676, -42.3223, 37.9925

Details

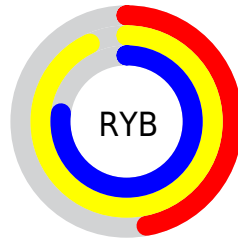
The YUV color **200.9380, -39.9024, -35.0256** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **156.0620, 39.9024, 35.0256**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0020, -30.0740, -14.0338**, and **145.3940, -38.1552, -35.4255** is the 20% darker color. If you saturate the color by 10%, you get **193.7170, -48.1745, -41.8478**, and if you desaturate by 10%, it is **208.1590, -31.6304, -28.2034**.

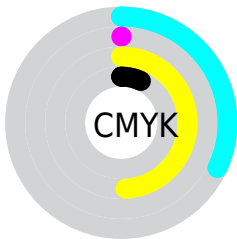
Distribution



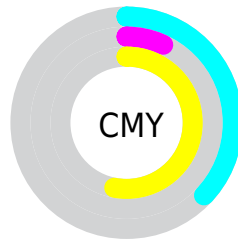
- Red (63%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (77%)



- Cyan (32%)
- Magenta (0%)
- Yellow (49%)
- Black (7%)



- Cyan (37%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.9380, -39.9024, -35.0256 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 200.9380, -39.9024, -35.0256 by changing the saturation by 10% instead.

■ 200.9380,
-39.9024, -35.0256

■ 200.9380,
-39.9024, -35.0256

255.0000, 0.0000,
0.0000

■ 172.5790,
-38.7394, -34.7108

■ 235.0020,
-30.0740, -14.0338

■ 145.3940,
-38.1552, -35.4255

■ 246.8650,
-22.1184, 0.9954

■ 117.5080,
-37.7184, -35.5255

■ 252.2640,
-10.4832, 2.3995

■ 89.8130, -40.3338,
-36.6700

■ 62.2770, -30.7026,
-45.8469

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 200.9380,
-39.9024, -35.0256

■ 200.9380,
-39.9024, -35.0256

■ 193.7170,
-48.1745, -41.8478

■ 208.1590,
-31.6304, -28.2034

■ 186.3110,
-55.8623, -49.3847

■ 215.5650,
-23.9425, -20.6665


■ 179.0900,
-64.1344, -56.2069


■ 222.7860,
-15.6705, -13.8443


■ 171.5700,
-72.2590, -63.6439

■ 230.3060, -7.5459,
-6.4074

 164.4630,
-80.0943, -70.5661

 237.4130, 0.2894,
0.5148

 163.9360,
-80.8204, -70.9809

 243.8360, 5.5039,
8.0368

 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



208.8170, -59.5628, 17.7005



200.9380, -39.9024, -35.0256



178.8180, -1.3893, -114.7274

Triad

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



200.9380, -39.9024, -35.0256



166.4280, 43.6660, -145.9574



194.1560, 0.4161, 53.3602

Complementary

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



200.9380, -39.9024, -35.0256



156.0620, 39.9024, 35.0256

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.



204.5180, 24.8876, 44.2727



200.9380, -39.9024, -35.0256



201.3100, 26.4692, -43.2449

Square

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



200.9380, -39.9024, -35.0256



172.8850, 40.4827, -151.6201



216.8340, 18.8158, 31.7176



195.7620, -28.9697, 51.9517

Rectangle

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



200.9380, -39.9024, -35.0256



170.5420, 23.8898, -149.5653



216.8340, 18.8158, 31.7176



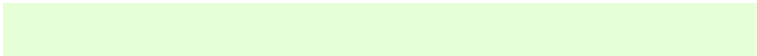
196.5500, 9.5889, 51.2607

Sweetspot

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



200.9380, -39.9024, -35.0256



243.1930, -12.9131, -11.5703



198.4210, -38.6616, 33.8338



120.8930, -7.8352, -6.9222



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.



200.9380, -39.9024, -35.0256



208.5980, -51.0738, -45.2514



190.5030, -26.8700, -61.8311



113.6530, -3.7729, -3.2037



125.0840, -61.6664, -54.4477



37.3790, -18.4278, -16.1184

Inverse Universe

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



156.0620, 39.9024, 35.0256



151.1030, 51.2212, 44.6367



166.4970, 26.8700, 61.8311



109.3470, 3.7729, 3.2037



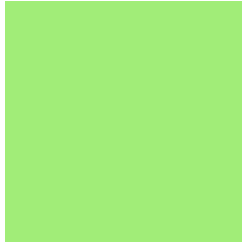
55.9160, 61.6664, 54.4477



16.6210, 18.4278, 16.1184

Previews

White Background



This preview shows how the YUV color 200.9380, -39.9024, -35.0256 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 200.9380, -39.9024, -35.0256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

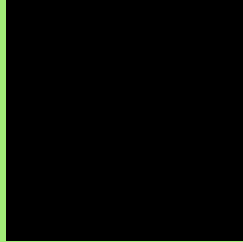
Any Text WCAG AA ✓ Pass

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 200.9380, -39.9024, -35.0256 Background



This preview shows how black text looks on a background with the YUV color 200.9380, -39.9024, -35.0256.



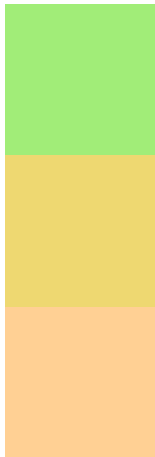
This preview shows how white text looks on a background with the YUV color 200.9380, -39.9024, -35.0256.

-35.0256.

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

200.9380, -39.9024, -35.0256

Protanopia

210.8360, -48.2331, 23.8228

Deuteranopia

215.2130, -33.1360, 34.8932



Tritanopia

212.7820, 13.9115, -28.7498

Trichromacy



Original Color

200.9380, -39.9024, -35.0256



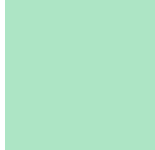
Protanomaly

207.5020, -45.1105, 2.1907



Deuteranomaly

210.3640, -35.6755, 9.3278



Tritanomaly

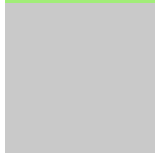
208.6080, -5.7227, -31.2282

Monochromacy



Original Color

200.9380, -39.9024, -35.0256



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.8400, -14.2181, -13.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.9380, -39.9024, -35.0256 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(161, 237, 120)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 120)  
}
```

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(161, 237, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 120) }
```

Border

The CSS property to change the border of an element to YUV 200.9380, -39.9024, -35.0256 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(161, 237, 120) }
```


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

```
.border{ border-color:rgb(161, 237, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 237, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 237, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 237, 120); box-shadow:4px 4px 4px 4px rgb(161, 237, 120) }
```

Background

The CSS property to change the background color of an element to YUV 200.9380, -39.9024, -35.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 120) }
```

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

```
.background{ background-color: rgb(161,  
237, 120) }
```

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