

Converting Colors

YUV(199.5340, 23.4007,
-39.0563)

Have a look what the booklet for
YUV(199.5340, 23.4007, -39.0563)
contains.

YUV(199.5340, 23.4007, -39.0563)	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(199.5340, 23.4007,
-39.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD5F7
RGB	155, 213, 247
RGB Percent	61%, 84%, 97%
CMY	0.3922, 0.1647, 0.0314
CMYK	0.37, 0.14, 0.00, 0.03
HSL	202°, 85%, 79%
HSV	202°, 37%, 97%
XYZ	54.1003, 61.2725, 96.9711
YIQ	199.5340, -45.4820, -1.7220

Conversions

Conversions Part 2

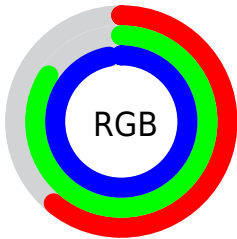
Format	Color
RYB	155, 191, 247
Decimal	10212855
CIELab	82.52, -10.30, -22.55
CIElCh	83, 24.795, 245.443
Yxy	61.2725, 0.2548, 0.2886
Android (android.graphics.Color)	4288402935 (0xFF9BD5F7)
YUV	199.5340, 23.4007, -39.0563
Hunter-Lab	78.2767, -13.6155, -18.6561

Details

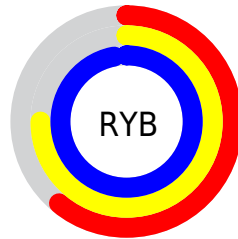
The YUV color **199.5340, 23.4007, -39.0563** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **202.4660, -23.4007, 39.0563**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **144.4200, 22.9639, -38.9563** is the 20% darker color. If you saturate the color by 10%, you get **186.7760, 29.6904, -49.7926**, and if you desaturate by 10%, it is **212.2920, 17.1110, -28.3201**.

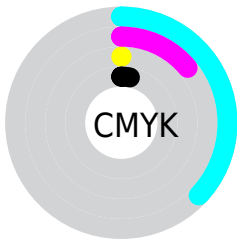
Distribution



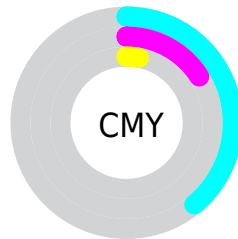
- Red (61%)
- Green (84%)
- Blue (97%)



- Red (61%)
- Yellow (75%)
- Blue (97%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5340, 23.4007, -39.0563 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 199.5340, 23.4007, -39.0563 by changing the saturation by 10% instead.

■ 199.5340, 23.4007,
-39.0563

■ 199.5340, 23.4007,
-39.0563

255.0000, 0.0000,
0.0000

■ 171.4200, 22.9639,
-38.9563

■ 242.1430, 6.3385,
-26.4354

■ 144.4200, 22.9639,
-38.9563

■ 250.8140, 2.0637,
-8.6069

■ 117.5940, 22.3852,
-39.9859

■ 91.2840, 22.5380,
-42.3451

■ 61.4890, 24.9019,
-53.9259

■ 45.1380, 20.6380,
-39.5860

■ 29.6020, 16.9582,

-25.9610

■ 15.3540, 13.1365,
-13.4655

■ 2.8670, 8.4466,
-2.5144

■ 199.5340, 23.4007,
-39.0563

■ 199.5340, 23.4007,
-39.0563

■ 186.7760, 29.6904,
-49.7926

■ 212.2920, 17.1110,
-28.3201

■ 174.3170, 35.8327,
-59.9140

■ 224.7510, 10.9688,
-18.1986

■ 161.5590, 42.1224,
-70.6502

■ 237.5090, 4.6791,
-7.4624

■ 148.2140, 48.7015,
-80.8717

■ 250.8540, -1.9000,
2.7590

■ 135.4560, 54.9912,
-91.6079

■ 254.0880, -3.4944,
0.7998

■ 122.9970, 61.1335,
-101.7294

■ 119.7300, 62.7441,
-105.0032

Harmonies

Analogous

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



195.5730, 17.4655, -48.7375



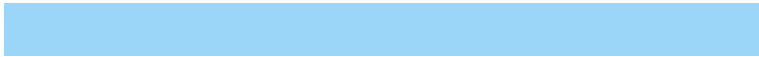
199.5340, 23.4007, -39.0563



204.5520, 22.8989, -18.0241

Triad

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



199.5340, 23.4007, -39.0563



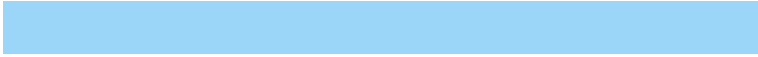
209.3190, -3.6083, 37.4312



201.1890, -16.8552, -7.1818

Complementary

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



199.5340, 23.4007, -39.0563



202.4660, -23.4007, 39.0563

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.



203.9420, -22.1564, 13.2059



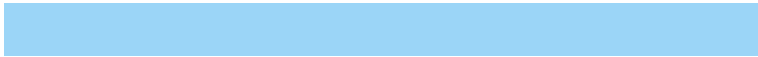
199.5340, 23.4007, -39.0563



207.8710, -14.2334, 38.7011

Square

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



199.5340, 23.4007, -39.0563



209.2280, 7.7756, 26.1100



206.0950, -20.7528, 29.7347



198.4020, -6.6072, -27.5396

Rectangle

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



199.5340, 23.4007, -39.0563



207.4400, 19.5031, -2.1399



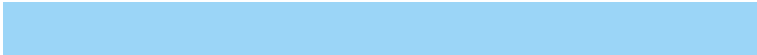
206.0950, -20.7528, 29.7347



202.2500, -19.3502, -0.2193

Sweetspot

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



199.5340, 23.4007, -39.0563



240.7580, 7.0213, -12.0658



212.8800, -11.7728, -50.7608



118.8080, 4.5317, -6.8476



0.0000, 0.0000, 0.0000



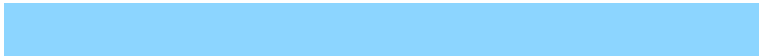
128.0000, 0.0000, 0.0000

Same Dimension

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



199.5340, 23.4007, -39.0563



195.9610, 29.1062, -49.0778



172.5320, 36.7127, -15.3756



116.0640, 2.9264, -5.3181



89.8830, 47.3857, -78.8274



28.4450, 15.0636, -24.9463

Inverse Universe

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



189.1200, 11.7728, 50.7608



182.7070, 14.9344, 63.4010



229.4680, -36.7127, 15.3756



114.5000, 1.7255, 6.5775



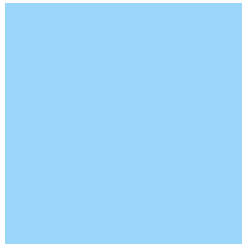
68.9520, 23.6877, 102.6511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 199.5340, 23.4007, -39.0563 looks on a white background.

Color Contrast Check

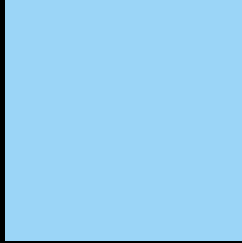
Large Text (above 18pt) WCAG AA × Fail

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 199.5340, 23.4007, -39.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

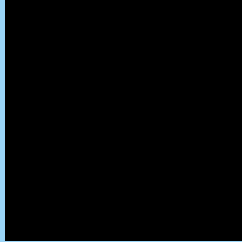
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.5340, 23.4007, -39.0563

Background



This preview shows how black text looks on a background with the YUV color 199.5340, 23.4007, -39.0563.



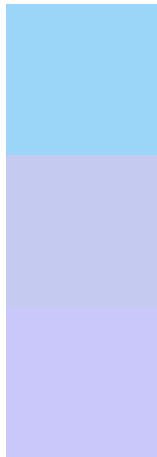
This preview shows how white text looks on a background with the YUV color 199.5340, 23.4007, -39.0563.

-39.0563.

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

199.5340, 23.4007, -39.0563

Protanopia

205.4240, 17.0460, -7.3878

Deuteranopia

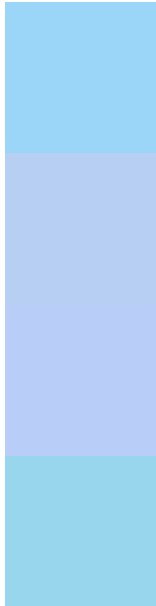
206.2980, 21.5451, -3.7693



Tritanopia

197.9160, 17.2964, -41.1453

Trichromacy



Original Color

199.5340, 23.4007, -39.0563

Protanomaly

203.6290, 19.4099, -18.9686

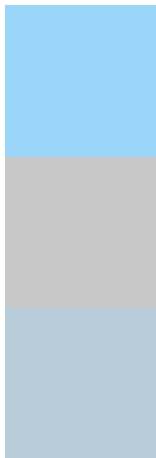
Deuteranomaly

204.0360, 22.1673, -16.6946

Tritanomaly

198.1980, 19.6224, -40.5156

Monochromacy



Original Color

199.5340, 23.4007, -39.0563

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0890, 8.3371, -14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5340, 23.4007, -39.0563 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(155, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(155, 213, 247)  
}
```

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(155, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 213, 247) }
```

Border

The CSS property to change the border of an element to YUV 199.5340, 23.4007, -39.0563 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(155, 213, 247) }
```


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

```
.border{ border-color:rgb(155, 213, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(155, 213,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 199.5340, 23.4007, -39.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 213, 247) }
```

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

```
.background{ background-color: rgb(155,  
213, 247) }
```

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