

Converting Colors

YUV(134.5870, 39.6436,
-68.9208)

Have a look what the booklet for
YUV(134.5870, 39.6436, -68.9208)
contains.

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Color

**YUV(134.5870, 39.6436,
-68.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	389FD7
RGB	56, 159, 215
RGB Percent	22%, 62%, 84%
CMY	0.7804, 0.3765, 0.1569
CMYK	0.74, 0.26, 0.00, 0.16
HSL	201°, 67%, 53%
HSV	201°, 74%, 84%
XYZ	26.2948, 30.5433, 68.7995
YIQ	134.5870, -79.3640, -4.4200

Conversions

Conversions Part 2

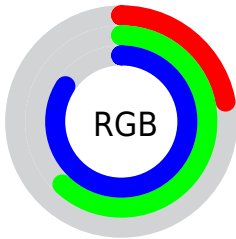
Format	Color
RYB	56, 119, 215
Decimal	3710935
CIELab	62.12, -10.93, -36.93
CIElCh	62, 38.514, 253.516
Yxy	30.5433, 0.2093, 0.2431
Android (android.graphics.Color)	4281901015 (0xFF389FD7)
YUV	134.5870, 39.6436, -68.9208
Hunter-Lab	55.2660, -11.7878, -35.1227

Details

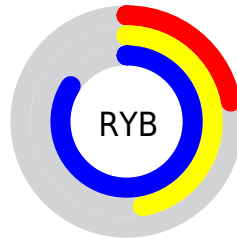
The YUV color **134.5870, 39.6436, -68.9208** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **136.4130, -39.6436, 68.9208**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4650, 31.3228, -60.0438**, and **81.6360, 38.6335, -71.5948** is the 20% darker color. If you saturate the color by 10%, you get **123.6120, 45.0543, -77.7127**, and if you desaturate by 10%, it is **145.8610, 34.0855, -59.5141**.

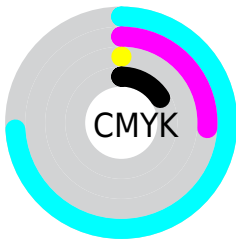
Distribution



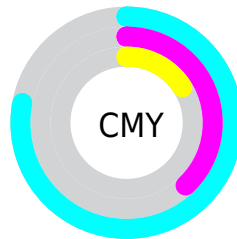
- Red (22%)
- Green (62%)
- Blue (84%)



- Red (22%)
- Yellow (47%)
- Blue (84%)



- Cyan (74%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (78%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.5870, 39.6436, -68.9208 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 134.5870, 39.6436, -68.9208 by changing the saturation by 10% instead.

134.5870, 39.6436,
-68.9208

134.5870, 39.6436,
-68.9208

255.0000, 0.0000,
0.0000

99.3890, 43.1922,
-87.1642

191.4650, 31.3228,
-60.0438

81.6360, 38.6335,
-71.5948

217.1700, 18.6502,
-55.4001

64.5840, 34.2221,
-56.6402

233.7710, 10.4659,
-43.6492

48.1190, 29.5213,
-42.2004

242.7410, 6.0437,
-25.2059

32.3550, 24.9680,
-28.3753

252.0100, 1.4741,
-6.1478

17.4060, 20.9988,
-15.2651

5.5060, 16.0195,

-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 134.5870, 39.6436,
-68.9208

■ 134.5870, 39.6436,
-68.9208

■ 123.6120, 45.0543,
-77.7127

■ 145.8610, 34.0855,
-59.5141

■ 112.9250, 50.3230,
-87.6342

■ 156.2490, 28.9642,
-50.2074

■ 106.1030, 53.6862,
-93.0523

■ 167.5230, 23.4062,
-40.8007

■ 177.9110, 18.2849,
-31.4939

■ 189.1850, 12.7268,
-22.0872

■ 199.5730, 7.6055,
-12.7805

■ 210.8470, 2.0474,
-3.3738

■ 221.8220, -3.3632,
5.4181

■ 232.5090, -8.6319,
15.3396

Harmonies

Analogous

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



119.7860, 37.5735, -105.0523



134.5870, 39.6436, -68.9208



148.5760, 33.2400, -21.5532

Triad

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



134.5870, 39.6436, -68.9208



152.2890, -8.0305, 55.8745



141.9610, -21.1798, -20.1368

Complementary

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



134.5870, 39.6436, -68.9208



136.4130, -39.6436, 68.9208

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.



146.1020, -31.6023, 9.5575



134.5870, 39.6436, -68.9208



150.7710, -22.5651, 51.0668

Square

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



134.5870, 39.6436, -68.9208



153.7510, 8.0108, 44.0684



149.2560, -31.6782, 33.9785



134.6760, -2.3053, -54.0899

Rectangle

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



134.5870, 39.6436, -68.9208



153.3190, 26.4647, 4.9822



149.2560, -31.6782, 33.9785



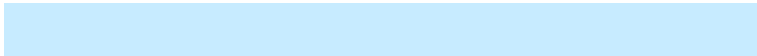
143.2890, -25.2855, -9.9005

Sweetspot

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



134.5870, 39.6436, -68.9208



226.5160, 14.0426, -24.1315



155.7170, -21.5525, -87.4518



110.7900, 8.4845, -14.7248



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.



134.5870, 39.6436, -68.9208



140.1670, 56.6127, -98.3705



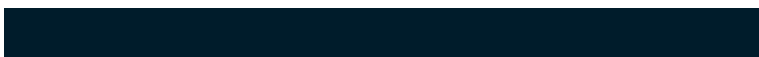
88.2140, 62.5055, -28.2517



101.3630, 2.7790, -4.7034



84.6510, 42.5701, -74.2389



21.3380, 10.6794, -18.7134

Inverse Universe

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



115.2830, 21.5525, 87.4518



112.6310, 30.7479, 124.8576



182.7860, -62.5055, 28.2517



100.0870, 1.4361, 6.0627



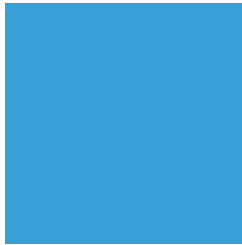
63.7830, 23.2780, 94.0293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 134.5870, 39.6436, -68.9208 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 134.5870, 39.6436, -68.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

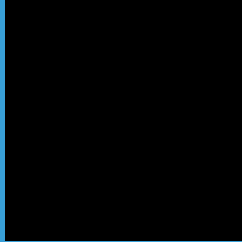
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 134.5870, 39.6436, -68.9208

Background



This preview shows how black text looks on a background with the YUV color 134.5870, 39.6436, -68.9208.

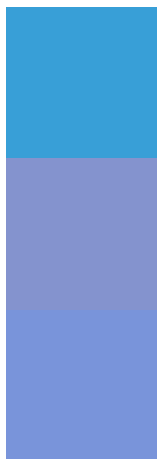


This preview shows how white text looks on a background with the YUV color 134.5870, 39.6436, -68.9208.

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

134.5870, 39.6436, -68.9208

Protanopia

149.2410, 27.9822, -15.1204

Deuteranopia

147.9070, 34.5558, -23.5974



Tritanopia

122.9310, 27.6420, -92.9015

Trichromacy



Original Color

134.5870, 39.6436, -68.9208

Protanomaly

143.5590, 32.2624, -34.6932

Deuteranomaly

142.9650, 36.4993, -40.3113

Tritanomaly

126.8380, 32.1249, -84.0499

Monochromacy



Original Color

134.5870, 39.6436, -68.9208

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9180, 14.3374, -25.3611

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.5870, 39.6436, -68.9208 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(56, 159, 215)` looks like.

```
.text, #text, p{  
    color:rgb(56, 159, 215)  
}
```

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(56, 159, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 159, 215) }
```

Border

The CSS property to change the border of an element to YUV 134.5870, 39.6436, -68.9208 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(56, 159, 215) }
```


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

```
.border{ border-color:rgb(56, 159, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 159, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 159, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 159, 215);  
box-shadow:4px 4px 4px 4px rgb(56, 159,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 134.5870, 39.6436, -68.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 159, 215) }
```

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

```
.background{ background-color: rgb(56, 159,  
215) }
```

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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