

Converting Colors

YUV(136.9150, 52.2999,
-68.3315)

Have a look what the booklet for
YUV(136.9150, 52.2999, -68.3315)
contains.

YUV(136.9150, 52.2999, -68.3315)	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(136.9150, 52.2999,
-68.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	3B9CF3
RGB	59, 156, 243
RGB Percent	23%, 61%, 95%
CMY	0.7686, 0.3882, 0.0471
CMYK	0.76, 0.36, 0.00, 0.05
HSL	208°, 88%, 59%
HSV	208°, 76%, 95%
XYZ	29.8698, 31.1778, 89.2376
YIQ	136.9150, -85.7390, 6.4930

Conversions

Conversions Part 2

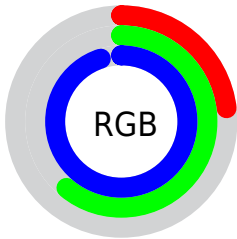
Format	Color
RYB	59, 123, 243
Decimal	3906803
CIELab	62.66, 0.90, -51.55
CIElCh	63, 51.557, 270.998
Yxy	31.1778, 0.1988, 0.2075
Android (android.graphics.Color)	4282096883 (0xFF3B9CF3)
YUV	136.9150, 52.2999, -68.3315
Hunter-Lab	55.8371, -2.2273, -55.6700

Details

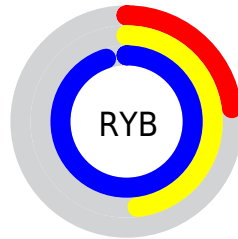
The YUV color **136.9150, 52.2999, -68.3315** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **165.0850, -52.2999, 68.3315**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2100, 31.4485, -53.6812**, and **82.8390, 50.8584, -72.6498** is the 20% darker color. If you saturate the color by 10%, you get **123.2820, 59.0210, -77.4233**, and if you desaturate by 10%, it is **150.5480, 45.5788, -59.2396**.

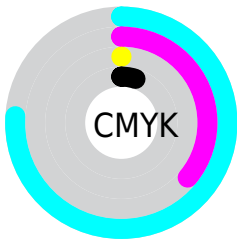
Distribution



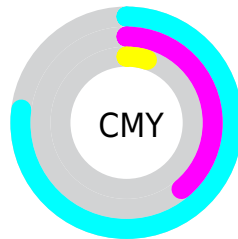
- Red (23%)
- Green (61%)
- Blue (95%)



- Red (23%)
- Yellow (48%)
- Blue (95%)



- Cyan (76%)
- Magenta (36%)
- Yellow (0%)
- Black (5%)



- Cyan (77%)
- Magenta (39%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9150, 52.2999, -68.3315 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 136.9150, 52.2999, -68.3315 by changing the saturation by 10% instead.

■ 136.9150, 52.2999,
-68.3315

■ 136.9150, 52.2999,
-68.3315

255.0000, 0.0000,
0.0000

■ 100.7060, 55.8539,
-88.3192

■ 191.2100, 31.4485,
-53.6812

■ 82.8390, 50.8584,
-72.6498

■ 216.9150, 18.7759,
-49.0375

■ 66.2600, 45.7208,
-58.1100

■ 236.1630, 9.2866,
-38.7310

■ 49.6810, 40.5833,
-43.5702

■ 245.4320, 4.7170,
-19.6729

■ 35.0910, 35.4511,
-30.7748

254.7010, 0.1474,
-0.6148

■ 19.9140, 30.6084,
-17.4646

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 136.9150, 52.2999,
-68.3315

■ 136.9150, 52.2999,
-68.3315

■ 123.2820, 59.0210,
-77.4233

■ 150.5480, 45.5788,
-59.2396

■ 108.7630, 66.1788,
-86.6152

■ 165.0670, 38.4210,
-50.0478

■ 102.8380, 69.0999,
-90.1889

■ 178.7000, 31.6999,
-40.9559

■ 192.9200, 24.6894,
-32.3788

■ 206.8520, 17.8210,
-22.6722

■ 221.0720, 10.8105,
-14.0951

■ 234.7050, 4.0894,
-5.0033

■ 248.9250, -2.9210,
3.5738

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



124.9500, 52.2826, -109.5812



136.9150, 52.2999, -68.3315



154.4570, 37.2427, 1.3532

Triad

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



136.9150, 52.2999, -68.3315



150.8430, -21.6146, 72.9287



132.0810, -13.3509, -57.9530

Complementary

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



136.9150, 52.2999, -68.3315



165.0850, -52.2999, 68.3315

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.



142.1180, -36.0472, -11.5045



136.9150, 52.2999, -68.3315



149.5530, -38.7266, 54.7660

Square

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



136.9150, 52.2999, -68.3315



152.4510, -0.2223, 71.5185



146.9440, -45.3284, 25.4821



119.4660, 16.0393, -104.7717

Rectangle

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



136.9150, 52.2999, -68.3315



155.9080, 26.6674, 33.4067



146.9440, -45.3284, 25.4821



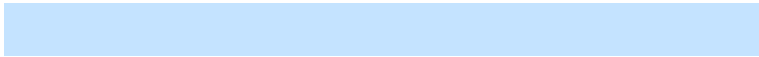
136.1990, -22.2831, -39.6395

Sweetspot

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



136.9150, 52.2999, -68.3315



220.9230, 16.8000, -21.8575



176.8120, -15.6833, -103.3211



107.2570, 10.2263, -13.3804



0.0000, 0.0000, 0.0000



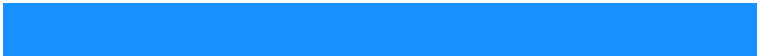
128.0000, 0.0000, 0.0000

Same Dimension

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



136.9150, 52.2999, -68.3315



121.0620, 66.0314, -86.0004



83.4980, 78.6345, -21.4847



115.4770, 3.2158, -4.8033



78.7300, 52.8841, -69.0462



24.9230, 16.8000, -21.8575

Inverse Universe

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



125.0740, 15.2465, 103.4211



106.2760, 19.0909, 130.4309



218.5020, -78.6345, 21.4847



114.3860, 1.2887, 6.6775



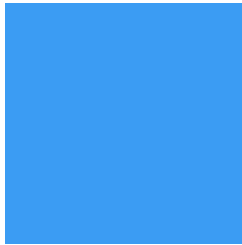
66.7860, 15.3885, 104.5507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 136.9150, 52.2999, -68.3315 looks on a white background.

Color Contrast Check

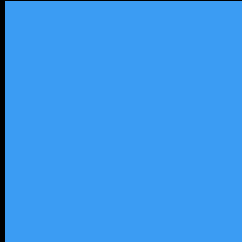
Large Text (above 18pt) WCAG AA × Fail

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 136.9150, 52.2999, -68.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

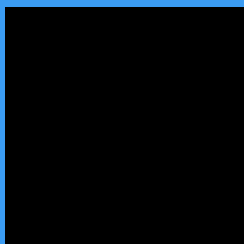
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

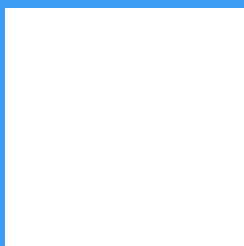
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.9150, 52.2999, -68.3315

Background



This preview shows how black text looks on a background with the YUV color 136.9150, 52.2999, -68.3315.



This preview shows how white text looks on a background with the YUV color 136.9150, 52.2999, -68.3315.

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

136.9150, 52.2999, -68.3315

Protanopia

149.0620, 42.8604, -27.2414

Deuteranopia

144.5590, 49.0244, -44.3402



Tritanopia

118.5490, 30.2953, -103.9675

Trichromacy



Original Color

136.9150, 52.2999, -68.3315

Protanomaly

144.8860, 46.3982, -41.9960

Deuteranomaly

141.8460, 50.3619, -53.3619

Tritanomaly

125.1020, 38.4037, -91.2975

Monochromacy



Original Color

136.9150, 52.2999, -68.3315

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1830, 19.1368, -24.7165

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9150, 52.2999, -68.3315 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(59, 156, 243)` looks like.

```
.text, #text, p{  
    color:rgb(59, 156, 243)  
}
```

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(59, 156, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 156, 243) }
```

Border

The CSS property to change the border of an element to YUV 136.9150, 52.2999, -68.3315 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(59, 156, 243) }
```


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

```
.border{ border-color:rgb(59, 156, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 156, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 156, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 156, 243);  
box-shadow:4px 4px 4px 4px rgb(59, 156,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 136.9150, 52.2999, -68.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 156, 243) }
```

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

```
.background{ background-color: rgb(59, 156,  
243) }
```

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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