

Converting Colors

YUV(138.7370, 48.9367,
-62.9133)

Have a look what the booklet for
YUV(138.7370, 48.9367, -62.9133)
contains.

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Color

**YUV(138.7370, 48.9367,
-62.9133)**

Conversions

Conversions Part 1

Format	Color
Hex	439CEE
RGB	67, 156, 238
RGB Percent	26%, 61%, 93%
CMY	0.7373, 0.3882, 0.0667
CMYK	0.72, 0.34, 0.00, 0.07
HSL	209°, 83%, 60%
HSV	209°, 72%, 93%
XYZ	29.6358, 31.1433, 85.3382
YIQ	138.7370, -79.3660, 6.6340

Conversions

Conversions Part 2

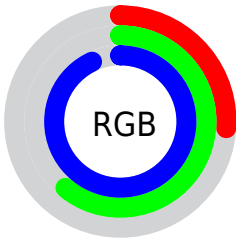
Format	Color
R _{YB}	67, 126, 238
Decimal	4431086
CIE Lab	62.63, 0.13, -48.83
CIE LCh	63, 48.833, 270.157
Yxy	31.1433, 0.2028, 0.2131
Android (android.graphics.Color)	4282621166 (0xFF439CEE)
YUV	138.7370, 48.9367, -62.9133
Hunter-Lab	55.8062, -2.8685, -51.6013

Details

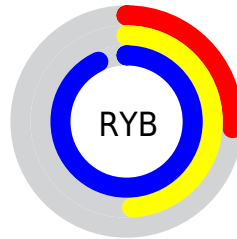
The YUV color **138.7370, 48.9367, -62.9133** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **166.2630, -48.9367, 62.9133**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4060, 30.8588, -51.2221**, and **82.3830, 49.1112, -72.2499** is the 20% darker color. If you saturate the color by 10%, you get **125.1040, 55.6577, -72.0052**, and if you desaturate by 10%, it is **152.3700, 42.2156, -53.8215**.

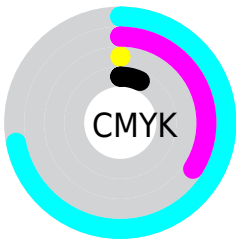
Distribution



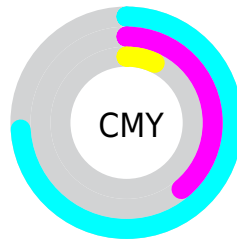
- Red (26%)
- Green (61%)
- Blue (93%)



- Red (26%)
- Yellow (49%)
- Blue (93%)



- Cyan (72%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (74%)
- Magenta (39%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.7370, 48.9367, -62.9133 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 138.7370, 48.9367, -62.9133 by changing the saturation by 10% instead.

■ 138.7370, 48.9367,
-62.9133

■ 138.7370, 48.9367,
-62.9133

255.0000, 0.0000,
0.0000

■ 103.4250, 52.0485,
-81.0567

■ 192.4060, 30.8588,
-51.2221

■ 82.3830, 49.1112,
-72.2499

■ 218.1110, 18.1863,
-46.5783

■ 65.6900, 43.5368,
-57.6101

■ 237.3590, 8.6970,
-36.2718

■ 49.2250, 38.8361,
-43.1703

■ 246.3290, 4.2748,
-17.8285

■ 33.9340, 33.5565,
-29.7601

■ 18.8710, 29.1506,
-16.5499

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 138.7370, 48.9367,
-62.9133

■ 138.7370, 48.9367,
-62.9133

■ 125.1040, 55.6577,
-72.0052

■ 152.3700, 42.2156,
-53.8215

■ 110.8840, 62.6682,
-80.5823

■ 166.5900, 35.2051,
-45.2444

■ 99.9200, 68.0734,
-87.6298

■ 179.9240, 28.6315,
-36.7673

■ 194.1440, 21.6210,
-28.1903

■ 207.7770, 14.8999,
-19.0984

■ 221.4100, 8.1789,
-10.0066

■ 235.6300, 1.1684,
-1.4295

■ 248.3660, -5.1104,
5.8180

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



123.7930, 50.3881, -108.5665



138.7370, 48.9367, -62.9133



154.1040, 35.9377, -0.0912

Triad

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



138.7370, 48.9367, -62.9133



151.1630, -20.2934, 69.1400



134.4130, -13.5146, -52.1052

Complementary

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



138.7370, 48.9367, -62.9133



166.2630, -48.9367, 62.9133

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.



142.8840, -34.4528, -9.5453



138.7370, 48.9367, -62.9133



149.6390, -35.8110, 52.9366

Square

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



138.7370, 48.9367, -62.9133



153.1300, -0.0641, 67.4150



147.0410, -42.4182, 25.3970



118.6510, 15.4551, -104.0569

Rectangle

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



138.7370, 48.9367, -62.9133



155.8430, 25.2204, 30.8327



147.0410, -42.4182, 25.3970



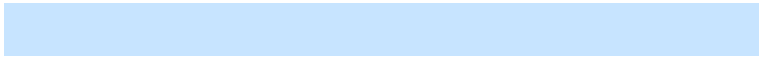
137.7480, -21.5678, -35.7360

Sweetspot

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



138.7370, 48.9367, -62.9133



222.4070, 16.0683, -20.5279



176.4970, -14.5420, -96.0289



108.4420, 9.6421, -12.6656



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.



138.7370, 48.9367, -62.9133



127.8840, 62.6682, -80.5823



90.0160, 72.9561, -20.1850



112.8900, 3.5052, -4.2885



77.3280, 52.5893, -67.8167



23.4070, 16.0683, -20.5279

Inverse Universe

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



128.2750, 13.6684, 96.2288



114.4770, 17.5128, 123.2387



214.9840, -72.9561, 20.1850



112.2720, 0.8519, 6.7775



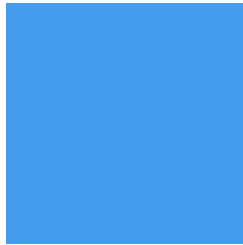
65.9600, 14.8097, 103.5211



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 138.7370, 48.9367, -62.9133 looks on a white background.

Color Contrast Check

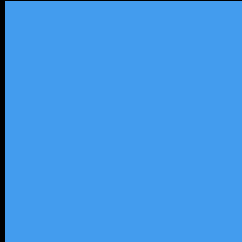
Large Text (above 18pt) WCAG AA × Fail

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 138.7370, 48.9367, -62.9133 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

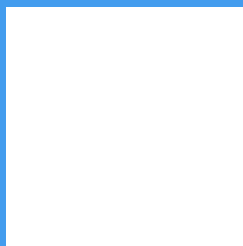
Any Text WCAG AAA ✓ Pass

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

YUV 138.7370, 48.9367, -62.9133 Background



This preview shows how black text looks on a background with the YUV color 138.7370, 48.9367, -62.9133.



This preview shows how white text looks on a background with the YUV color 138.7370, 48.9367, -62.9133.

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

138.7370, 48.9367, -62.9133

Protanopia

149.3890, 40.2342, -24.8972

Deuteranopia

145.7830, 45.9560, -40.1517

Trichromacy



Original Color

138.7370, 48.9367, -62.9133

Protanomaly

145.5120, 43.6246, -39.0370

Deuteranomaly

143.3690, 47.1461, -48.5586

Monochromacy



Original Color

138.7370, 48.9367, -62.9133

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8520, 17.8210, -22.6722

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7370, 48.9367, -62.9133 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(67, 156, 238)` looks like.

```
.text, #text, p{  
    color:rgb(67, 156, 238)  
}
```

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(67, 156, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 156, 238) }
```

Border

The CSS property to change the border of an element to YUV 138.7370, 48.9367, -62.9133 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(67, 156, 238) }
```

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

```
.border{ border-color:rgb(67, 156, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 156, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 156, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 156, 238);  
box-shadow:4px 4px 4px 4px rgb(67, 156,  
238) }
```


Background

The CSS property to change the background color of an element to YUV 138.7370, 48.9367, -62.9133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 156, 238) }
```

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

```
.background{ background-color: rgb(67, 156,  
238) }
```

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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