

Converting Colors

YUV(138.0250, 48.7947,
-64.0429)

Have a look what the booklet for
YUV(138.0250, 48.7947, -64.0429)
contains.

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Color

**YUV(138.0250, 48.7947,
-64.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	419CED
RGB	65, 156, 237
RGB Percent	25%, 61%, 93%
CMY	0.7451, 0.3882, 0.0706
CMYK	0.73, 0.34, 0.00, 0.07
HSL	208°, 83%, 59%
HSV	208°, 73%, 93%
XYZ	29.3545, 31.0152, 84.5601
YIQ	138.0250, -80.2370, 5.8990

Conversions

Conversions Part 2

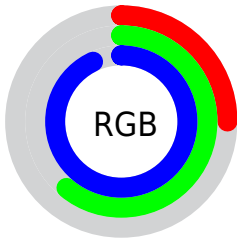
Format	Color
R _Y B	65, 125, 237
Decimal	4300013
CIE Lab	62.52, -0.48, -48.46
CIE LCh	63, 48.459, 269.436
Yxy	31.0152, 0.2025, 0.2140
Android (android.graphics.Color)	4282490093 (0xFF419CED)
YUV	138.0250, 48.7947, -64.0429
Hunter-Lab	55.6913, -3.3735, -51.0405

Details

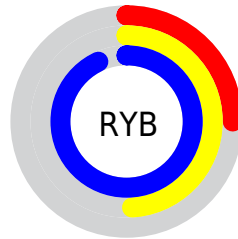
The YUV color **138.0250, 48.7947, -64.0429** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **163.9750, -48.7947, 64.0429**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1070, 31.0062, -51.8368**, and **82.2690, 48.6744, -72.1499** is the 20% darker color. If you saturate the color by 10%, you get **124.3920, 55.5157, -73.1348**, and if you desaturate by 10%, it is **151.6580, 42.0736, -54.9511**.

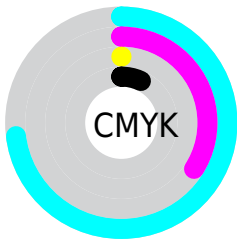
Distribution



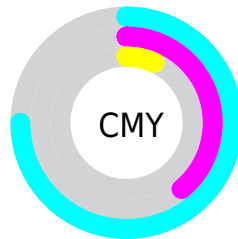
- Red (25%)
- Green (61%)
- Blue (93%)



- Red (25%)
- Yellow (49%)
- Blue (93%)



- Cyan (73%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (75%)
- Magenta (39%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.0250, 48.7947, -64.0429 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 138.0250, 48.7947, -64.0429 by changing the saturation by 10% instead.

■ 138.0250, 48.7947,
-64.0429

■ 138.0250, 48.7947,
-64.0429

■ 255.0000, 0.0000,
0.0000

■ 101.2180, 52.6435,
-85.2602

■ 192.1070, 31.0062,
-51.8368

■ 82.2690, 48.6744,
-72.1499

■ 217.5130, 18.4811,
-47.8079

■ 65.5760, 43.1000,
-57.5102

■ 236.7610, 8.9918,
-37.5014

■ 49.1110, 38.3993,
-43.0703

■ 246.0300, 4.4222,
-18.4433

■ 33.9340, 33.5565,
-29.7601

■ 18.7570, 28.7138,
-16.4499

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 138.0250, 48.7947,
-64.0429

■ 138.0250, 48.7947,
-64.0429

■ 124.3920, 55.5157,
-73.1348

■ 151.6580, 42.0736,
-54.9511

■ 111.0580, 62.0894,
-81.6119

■ 164.9920, 35.4999,
-46.4740

■ 100.3930, 67.3473,
-88.0447

■ 178.6250, 28.7789,
-37.3821

■ 192.8450, 21.7684,
-28.8051

■ 206.1790, 15.1948,
-20.3280

■ 219.8120, 8.4737,
-11.2361

■ 233.4450, 1.7526,
-2.1443

■ 247.0780, -4.9685,
6.9476

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



123.5650, 49.5145, -108.3665



138.0250, 48.7947, -64.0429



153.3920, 35.7957, -1.2208

Triad

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



138.0250, 48.7947, -64.0429



151.2770, -19.8566, 69.0401



134.3100, -13.9568, -50.2609

Complementary

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



138.0250, 48.7947, -64.0429



163.9750, -48.7947, 64.0429

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.



142.5960, -34.3108, -8.4157



138.0250, 48.7947, -64.0429



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.



138.0250, 48.7947, -64.0429



152.9450, 0.5201, 66.7002



147.4540, -42.1288, 25.9118



118.5370, 15.0183, -103.9569

Rectangle

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



138.0250, 48.7947, -64.0429



155.9460, 25.6626, 28.9884



147.4540, -42.1288, 25.9118



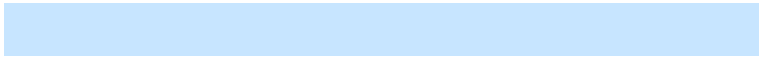
137.9330, -22.1520, -35.0212

Sweetspot

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



138.0250, 48.7947, -64.0429



222.9940, 15.7790, -21.0427



175.0840, -14.8314, -96.5437



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.



138.0250, 48.7947, -64.0429



127.5740, 62.8210, -82.9414



88.1300, 73.3929, -20.2850



110.7760, 3.0684, -4.1886



76.9860, 51.2789, -67.5167



22.5920, 15.4841, -19.8132

Inverse Universe

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



126.8020, 14.3946, 96.6436



112.8300, 18.8178, 124.6831



213.8700, -73.3929, 20.2850



109.9730, 0.9993, 6.1627



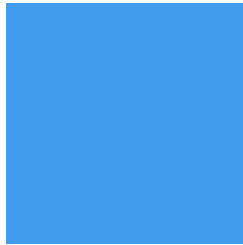
65.0630, 15.2519, 101.6767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 138.0250, 48.7947, -64.0429 looks on a white background.

Color Contrast Check

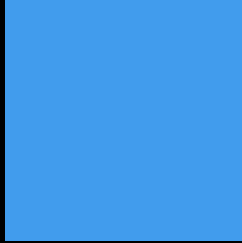
Large Text (above 18pt) WCAG AA × Fail

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 138.0250, 48.7947, -64.0429 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

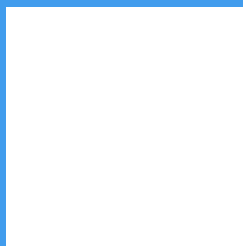
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.0250, 48.7947, -64.0429

Background



This preview shows how black text looks on a background with the YUV color 138.0250, 48.7947, -64.0429.



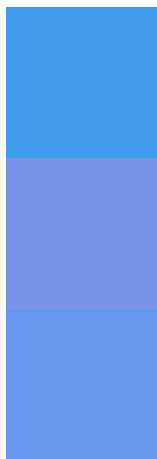
This preview shows how white text looks on a background with the YUV color 138.0250, 48.7947, -64.0429.

-64.0429.

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

138.0250, 48.7947, -64.0429

Protanopia

148.6880, 40.0868, -24.2824

Deuteranopia

145.3810, 45.6612, -38.9221



Tritanopia

118.5490, 30.2953, -103.9675

Trichromacy



Original Color

138.0250, 48.7947, -64.0429

Protanomaly

144.8110, 43.4772, -38.4222

Deuteranomaly

142.6680, 46.9987, -47.9438

Tritanomaly

125.7710, 37.0879, -89.2532

Monochromacy



Original Color

138.0250, 48.7947, -64.0429

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1400, 17.6790, -23.8018

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0250, 48.7947, -64.0429 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(65, 156, 237)` looks like.

```
.text, #text, p{  
    color:rgb(65, 156, 237)  
}
```

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(65, 156, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 156, 237) }
```

Border

The CSS property to change the border of an element to YUV 138.0250, 48.7947, -64.0429 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(65, 156, 237) }
```


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

```
.border{ border-color:rgb(65, 156, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 156, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 156, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 156, 237);  
box-shadow:4px 4px 4px 4px rgb(65, 156,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 138.0250, 48.7947, -64.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 156, 237) }
```

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

```
.background{ background-color: rgb(65, 156,  
237) }
```

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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