

Converting Colors

YUV(138.2210, 31.4430,
-51.9368)

Have a look what the booklet for
YUV(138.2210, 31.4430, -51.9368)
contains.

YUV(138.2210, 31.4430, -51.9368)	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(138.2210, 31.4430,
-51.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9CCA
RGB	79, 156, 202
RGB Percent	31%, 61%, 79%
CMY	0.6902, 0.3882, 0.2078
CMYK	0.61, 0.23, 0.00, 0.21
HSL	202°, 54%, 55%
HSV	202°, 61%, 79%
XYZ	25.7736, 29.7035, 60.2520
YIQ	138.2210, -60.6580, -2.0180

Conversions

Conversions Part 2

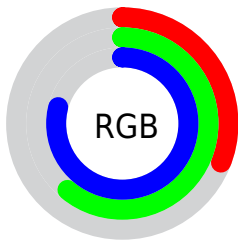
Format	Color
R _Y B	79, 126, 202
Decimal	5217482
CIE Lab	61.40, -9.98, -30.75
CIE LCh	61, 32.333, 252.021
Yxy	29.7035, 0.2227, 0.2567
Android (android.graphics.Color)	4283407562 (0xFF4F9CCA)
YUV	138.2210, 31.4430, -51.9368
Hunter-Lab	54.5009, -10.9635, -27.3959

Details

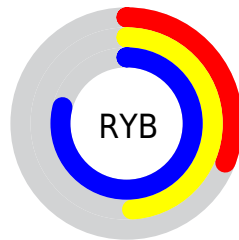
The YUV color `138.2210, 31.4430, -51.9368` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `142.7790, -31.4430, 51.9368`, and the grayscale version is `138.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `193.6020, 30.2692, -48.7630`, and `78.5070, 34.2600, -68.8506` is the 20% darker color. If you saturate the color by 10%, you get `127.5450, 36.7063, -60.1140`, and if you desaturate by 10%, it is `148.8970, 26.1798, -43.7597`.

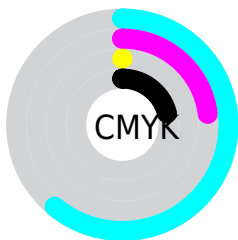
Distribution



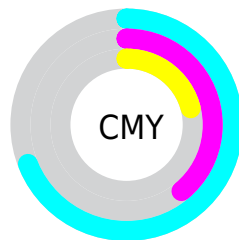
- Red (31%)
- Green (61%)
- Blue (79%)



- Red (31%)
- Yellow (49%)
- Blue (79%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2210, 31.4430, -51.9368 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 138.2210, 31.4430, -51.9368 by changing the saturation by 10% instead.

■ 138.2210, 31.4430,
-51.9368

■ 138.2210, 31.4430,
-51.9368

■ 255.0000, 0.0000,
0.0000

■ 109.9000, 31.6013,
-56.0403

■ 193.6020, 30.2692,
-48.7630

■ 78.5070, 34.2600,
-68.8506

■ 219.2960, 17.6021,
-45.8636

■ 61.4550, 29.8487,
-53.8960

■ 237.3590, 8.6970,
-36.2718

■ 45.1040, 25.5847,
-39.5562

■ 246.3290, 4.2748,
-17.8285

■ 30.0410, 21.1788,
-26.3460

■ 13.3310, 18.0778,
-11.6913

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 138.2210, 31.4430,
-51.9368

■ 138.2210, 31.4430,
-51.9368

■ 127.5450, 36.7063,
-60.1140

■ 148.8970, 26.1798,
-43.7597

■ 117.4560, 41.6802,
-68.8059

■ 158.9860, 21.2059,
-35.0677

■ 106.4810, 47.0909,
-77.5978

■ 169.9610, 15.7952,
-26.2758

■ 96.9900, 51.7699,
-85.0602

■ 180.0500, 10.8214,
-17.5838

■ 190.7260, 5.5581,
-9.4067

■ 200.8150, 0.5842,
-0.7148

■ 211.4910, -4.6791,
7.4624

■ 221.8790, -9.8003,
16.7691

■ 230.7610,
-14.1792, 21.2576

Harmonies

Analogous

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



128.2580, 28.4668, -77.4023



138.2210, 31.4430, -51.9368



147.2190, 27.9930, -18.6091

Triad

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



138.2210, 31.4430, -51.9368



150.6900, -6.2562, 46.7529



141.7920, -18.1385, -15.6036

Complementary

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



138.2210, 31.4430, -51.9368



142.7790, -31.4430, 51.9368

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.



145.1820, -26.2187, 9.4874



138.2210, 31.4430, -51.9368



149.3510, -18.9070, 44.4192

Square

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



138.2210, 31.4430, -51.9368



151.8810, 7.4537, 36.0614



147.9010, -26.5732, 29.9048



136.5250, -3.2168, -41.6794

Rectangle

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



138.2210, 31.4430, -51.9368



150.6840, 22.8338, 2.9081



147.9010, -26.5732, 29.9048



143.2230, -21.8019, -7.2116

Sweetspot

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



138.2210, 31.4430, -51.9368



231.2670, 11.7004, -19.5282



156.3310, -15.9392, -67.8193



112.8720, 7.4581, -12.1657



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.



138.2210, 31.4430, -51.9368



158.2960, 47.6751, -78.3126



102.4140, 49.0959, -20.5341



96.6620, 2.6316, -4.0886



79.9720, 42.4118, -70.1354



18.4200, 9.6529, -16.1543

Inverse Universe

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



124.5550, 15.5024, 67.9193



137.8380, 23.2509, 102.7511



178.5860, -49.0959, 20.5341



95.6740, 1.1467, 5.5479



61.4900, 20.9574, 91.6553



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 138.2210, 31.4430, -51.9368 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2210, 31.4430, -51.9368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

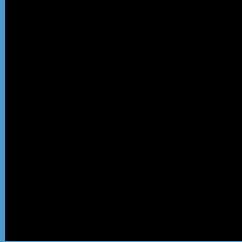
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.2210, 31.4430, -51.9368 Background



This preview shows how black text looks on a background with the YUV color 138.2210, 31.4430, -51.9368.



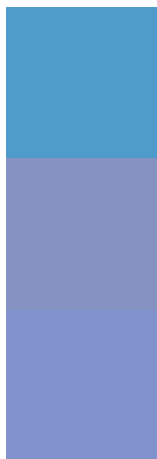
This preview shows how white text looks on a background with the YUV color 138.2210, 31.4430, -51.9368.

-51.9368.

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

138.2210, 31.4430, -51.9368

Protanopia

147.8840, 22.7352, -12.1763

Deuteranopia

147.5290, 27.8402, -16.2499



Tritanopia

134.0770, 19.6820, -59.7035

Trichromacy



Original Color

138.2210, 31.4430, -51.9368

Protanomaly

144.5940, 25.8362, -26.8309

Deuteranomaly

144.3810, 28.8992, -29.2751

Tritanomaly

135.5380, 23.8918, -56.5998

Monochromacy



Original Color

138.2210, 31.4430, -51.9368

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.4520, 11.1162, -18.8134

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2210, 31.4430, -51.9368 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(79, 156, 202)` looks like.

```
.text, #text, p{  
    color:rgb(79, 156, 202)  
}
```

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(79, 156, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 156, 202) }
```

Border

The CSS property to change the border of an element to YUV 138.2210, 31.4430, -51.9368 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(79, 156, 202) }
```


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

```
.border{ border-color:rgb(79, 156, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 156, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 156, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 156, 202);  
box-shadow:4px 4px 4px 4px rgb(79, 156,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 138.2210, 31.4430, -51.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 156, 202) }
```

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

```
.background{ background-color: rgb(79, 156,  
202) }
```

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