

# Converting Colors

YUV(125.8200, 46.4307,  
-52.4621)

Have a look what the booklet for  
YUV(125.8200, 46.4307, -52.4621)  
contains.

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# Color

**YUV(125.8200, 46.4307,  
-52.4621)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	428ADC
RGB	66, 138, 220
RGB Percent	26%, 54%, 86%
CMY	0.7412, 0.4588, 0.1373
CMYK	0.70, 0.37, 0.00, 0.14
HSL	212°, 69%, 56%
HSV	212°, 70%, 86%
XYZ	24.2535, 24.5025, 71.1613
YIQ	125.8200, -69.2340, 10.2380

# Conversions

## Conversions Part 2

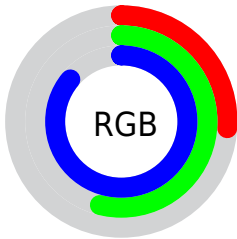
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 115, 220
Decimal	4360924
CIE Lab	56.59, 4.26, -48.41
CIE LCh	57, 48.600, 275.030
Yxy	24.5025, 0.2023, 0.2043
Android (android.graphics.Color)	4282551004 (0xFF428ADC)
YUV	125.8200, 46.4307, -52.4621
Hunter-Lab	49.5000, 0.8346, -50.5854

# Details

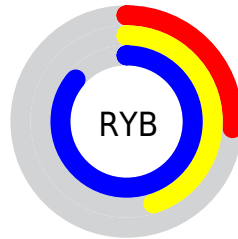
The YUV color **125.8200, 46.4307, -52.4621** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **160.1800, -46.4307, 52.4621**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0570, 36.9469, -43.9000**, and **70.9390, 45.8791, -62.2135** is the 20% darker color. If you saturate the color by 10%, you get **112.1980, 53.1464, -59.8096**, and if you desaturate by 10%, it is **139.4420, 39.7151, -45.1146**.

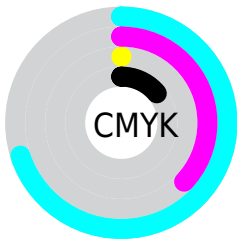
# Distribution



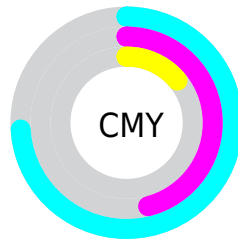
- Red (26%)
- Green (54%)
- Blue (86%)



- Red (26%)
- Yellow (45%)
- Blue (86%)



- Cyan (70%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (74%)
- Magenta (46%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.8200, 46.4307, -52.4621 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 125.8200, 46.4307, -52.4621 by changing the saturation by 10% instead.



■ 125.8200, 46.4307,  
-52.4621

■ 125.8200, 46.4307,  
-52.4621

■ 255.0000, 0.0000,  
0.0000

■ 93.9000, 48.3633,  
-65.6873

■ 180.0570, 36.9469,  
-43.9000

■ 70.9390, 45.8791,  
-62.2135

■ 205.4630, 24.4217,  
-39.8711

■ 54.4740, 41.1783,  
-47.7737

■ 230.8690, 11.8966,  
-35.8421

■ 39.1830, 35.8988,  
-34.3635

■ 244.8340, 5.0118,  
-20.9024

■ 24.5930, 30.7667,  
-21.5681

■ 253.8040, 0.5896,  
-2.4591

■ 10.7040, 25.7819,  
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,  
-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 125.8200, 46.4307,  
-52.4621

■ 125.8200, 46.4307,  
-52.4621

■ 112.1980, 53.1464,  
-59.8096

■ 139.4420, 39.7151,  
-45.1146

■ 99.1630, 59.5726,  
-67.6720

■ 152.4770, 33.2888,  
-37.2523

■ 85.5410, 66.2883,  
-75.0195

■ 166.0990, 26.5732,  
-29.9048

■ 179.7210, 19.8575,  
-22.5573

■ 193.3430, 13.1419,  
-15.2098

■ 206.3780, 6.7156,  
-7.3475

■ 220.0000, 0.0000,  
0.0000

■ 233.6220, -6.7156,  
7.3475

■ 243.9660,  
-11.8152, 9.6768

# Harmonies

## Analogous

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



112.2180, 49.1925, -98.4152



125.8200, 46.4307, -52.4621



138.9370, 32.5691, 7.0713

# Triad

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



125.8200, 46.4307, -52.4621



134.5710, -22.4665, 66.1512



114.4270, -8.0985, -62.6415

# Complementary

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



125.8200, 46.4307, -52.4621



160.1800, -46.4307, 52.4621

# 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.



126.0620, -31.0896, -14.9634



125.8200, 46.4307, -52.4621



133.8510, -37.3945, 47.4887

# Square

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



125.8200, 46.4307, -52.4621



136.0330, -2.9743, 67.5001



130.8230, -41.8177, 19.4492



108.3470, 16.5909, -95.0203



# Rectangle

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



125.8200, 46.4307, -52.4621



139.7790, 22.2940, 36.1508



130.8230, -41.8177, 19.4492



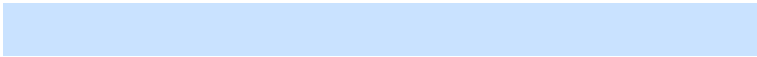
120.1430, -17.3255, -43.0984

# Sweetspot

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



125.8200, 46.4307, -52.4621



221.8310, 16.3523, -18.2688



165.5180, -9.6224, -87.2773



108.4530, 9.6367, -10.9213



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.



125.8200, 46.4307, -52.4621



124.0960, 64.5357, -72.8752



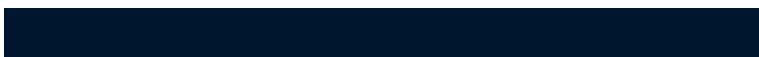
84.4530, 66.8247, -13.5523



103.1890, 3.3578, -3.6738



67.2690, 52.1254, -58.9949



17.5710, 14.0155, -15.4098



# Inverse Universe

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



120.2540, 8.7488, 87.4772



116.3860, 12.1347, 121.5645



201.5470, -66.8247, 13.5523



102.8590, 0.5625, 6.2627



60.9610, 9.8792, 98.2582

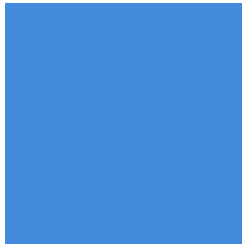


16.1480, 2.3920, 26.1802



# Previews

## White Background



This preview shows how the YUV color 125.8200, 46.4307, -52.4621 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

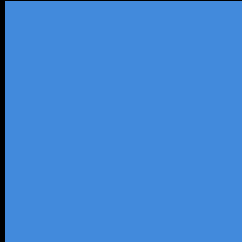
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 125.8200, 46.4307, -52.4621 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 125.8200, 46.4307, -52.4621 Background



This preview shows how black text looks on a background with the YUV color 125.8200, 46.4307, -52.4621.



This preview shows how white text looks on a background with the YUV color 125.8200, 46.4307, -52.4621.



# 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

125.8200, 46.4307, -52.4621

### Protanopia

132.7910, 40.5290, -26.1267

### Deuteranopia

129.5440, 45.0878, -41.6961



## Tritanopia

106.5180, 27.3526, -93.4163

# Trichromacy



## Original Color

125.8200, 46.4307, -52.4621

## Protanomaly

130.3060, 42.7401, -35.3484

## Deuteranomaly

128.3370, 45.6829, -45.8995

## Tritanomaly

113.7400, 34.1452, -78.7020

# Monochromacy



## Original Color

125.8200, 46.4307, -52.4621

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

125.6460, 16.9365, -18.9835

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.8200, 46.4307, -52.4621 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(66, 138, 220)` looks like.

```
.text, #text, p{  
    color:rgb(66, 138, 220)  
}
```

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(66, 138, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 138, 220) }
```

## Border

The CSS property to change the border of an element to YUV 125.8200, 46.4307, -52.4621 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(66, 138, 220) }
```



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

```
.border{ border-color:rgb(66, 138, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 138, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 138, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 138, 220);  
box-shadow:4px 4px 4px 4px rgb(66, 138,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 125.8200, 46.4307, -52.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 138, 220) }
```

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

```
.background{ background-color: rgb(66, 138,  
220) }
```

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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