

# Converting Colors

YUV(112.7650, 46.4579,  
-61.1839)

Have a look what the booklet for  
YUV(112.7650, 46.4579, -61.1839)  
contains.

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# Color

**YUV(112.7650, 46.4579,  
-61.1839)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B82CF
RGB	43, 130, 207
RGB Percent	17%, 51%, 81%
CMY	0.8314, 0.4902, 0.1882
CMYK	0.79, 0.37, 0.00, 0.19
HSL	208°, 66%, 49%
HSV	208°, 79%, 81%
XYZ	20.2414, 20.9838, 62.0149
YIQ	112.7650, -76.5690, 5.5030

# Conversions

## Conversions Part 2

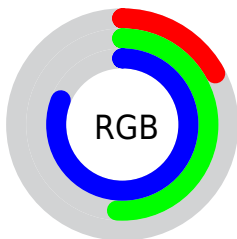
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	43, 100, 207
Decimal	2851535
CIE Lab	52.93, 1.47, -46.94
CIE LCh	53, 46.959, 271.790
Yxy	20.9838, 0.1961, 0.2033
Android (android.graphics.Color)	4281041615 (0xFF2B82CF)
YUV	112.7650, 46.4579, -61.1839
Hunter-Lab	45.8081, -1.2899, -48.2010

# Details

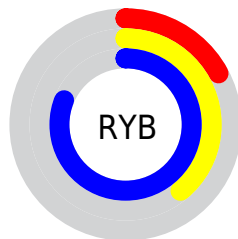
The YUV color **112.7650, 46.4579, -61.1839** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark muted azure. A complement of this color would be **137.2350, -46.4579, 61.1839**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2780, 41.7679, -50.2328**, and **64.8750, 42.9526, -56.8954** is the 20% darker color. If you saturate the color by 10%, you get **100.6160, 52.4473, -68.9462**, and if you desaturate by 10%, it is **124.9140, 40.4684, -53.4216**.

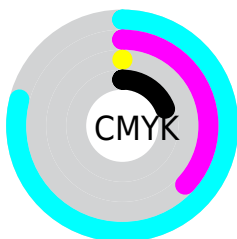
# Distribution



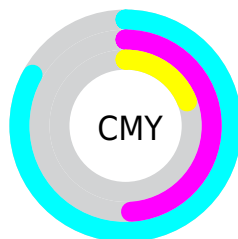
- Red (17%)
- Green (51%)
- Blue (81%)



- Red (17%)
- Yellow (39%)
- Blue (81%)



- Cyan (79%)
- Magenta (37%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (49%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 112.7650, 46.4579, -61.1839 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 112.7650, 46.4579, -61.1839 by changing the saturation by 10% instead.



■ 112.7650, 46.4579,  
-61.1839

■ 112.7650, 46.4579,  
-61.1839

■ 255.0000, 0.0000,  
0.0000

■ 82.0410, 47.8008,  
-71.9500

■ 170.2780, 41.7679,  
-50.2328

■ 64.8750, 42.9526,  
-56.8954

■ 195.3960, 29.3848,  
-45.0743

■ 48.9970, 37.9625,  
-42.9704

■ 220.8020, 16.8596,  
-41.0454

■ 33.7060, 32.6829,  
-29.5602

■ 239.7510, 7.5178,  
-31.3536

■ 18.6430, 28.2770,  
-16.3499

■ 249.0200, 2.9481,  
-12.2955

■ 8.8630, 21.2665,  
-7.7729

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,  
-0.1000

■ 0.0000, 0.0000,  
0.0000

■ 112.7650, 46.4579,  
-61.1839

■ 112.7650, 46.4579,  
-61.1839

■ 100.6160, 52.4473,  
-68.9462

■ 124.9140, 40.4684,  
-53.4216

■ 89.3530, 58.0000,  
-76.6086

■ 136.1770, 34.9157,  
-45.7592

■ 88.1680, 58.5842,  
-77.3233

■ 148.3260, 28.9263,  
-37.9969

■ 160.4750, 22.9368,  
-30.2346

■ 172.6240, 16.9474,  
-22.4722

■ 183.8870, 11.3947,  
-14.8099

■ 196.0360, 5.4053,  
-7.0476

■ 208.1850, -0.5842,  
0.7148

■ 219.4480, -6.1369,  
8.3771

# Harmonies

## Analogous

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



104.6380, 45.5345, -91.7675



112.7650, 46.4579, -61.1839



128.9040, 32.5853, 1.8382

# Triad

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



112.7650, 46.4579, -61.1839



125.3580, -19.4035, 63.7070



107.7980, -10.7464, -53.3198

# Complementary

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



112.7650, 46.4579, -61.1839



137.2350, -46.4579, 61.1839

# 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.



117.3830, -31.2478, -10.8599



112.7650, 46.4579, -61.1839



124.3610, -34.1950, 47.9184

# Square

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



112.7650, 46.4579, -61.1839



126.6950, -0.3426, 63.4115



121.5890, -40.2234, 21.4084



100.2940, 13.6591, -87.9578



# Rectangle

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



112.7650, 46.4579, -61.1839



130.5610, 22.8944, 30.2030



121.5890, -40.2234, 21.4084



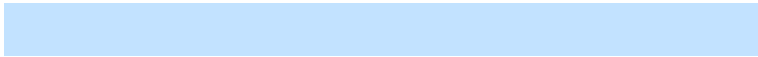
112.4320, -18.9470, -36.3359

# Sweetspot

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



112.7650, 46.4579, -61.1839



219.7380, 17.3842, -22.5722



148.0460, -13.8267, -92.1253



106.3710, 10.6631, -13.4804



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.



112.7650, 46.4579, -61.1839



115.7240, 68.6631, -90.0889



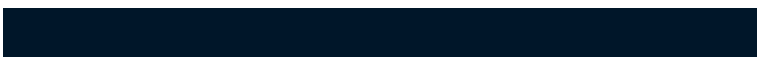
64.6310, 70.1879, -18.9704



98.7760, 3.0684, -4.1886



71.3950, 47.6263, -62.6134



17.5880, 11.5421, -15.4247



# Inverse Universe

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



101.9540, 13.8267, 92.1253



99.9500, 20.2377, 135.9789



185.3690, -70.1879, 18.9704



97.9730, 0.9993, 6.1627



60.3780, 14.1106, 94.3845



14.7670, 3.5659, 23.0063



# Previews

## White Background



This preview shows how the YUV color 112.7650, 46.4579, -61.1839 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 112.7650, 46.4579, -61.1839 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 112.7650, 46.4579, -61.1839

## Background



This preview shows how black text looks on a background with the YUV color 112.7650, 46.4579, -61.1839.



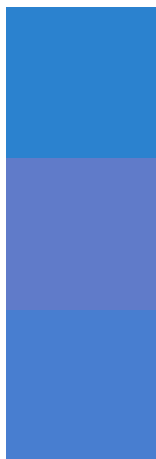
This preview shows how white text looks on a background with the YUV color 112.7650, 46.4579, -61.1839.



# 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

112.7650, 46.4579, -61.1839

### Protanopia

123.8190, 38.0502, -24.3973

### Deuteranopia

119.2020, 43.7774, -41.3962



## Tritanopia

99.2800, 25.0050, -87.0686

# Trichromacy



## Original Color

112.7650, 46.4579, -61.1839

## Protanomaly

120.1270, 40.8564, -37.8224

## Deuteranomaly

116.5000, 45.1095, -48.6735

## Tritanomaly

104.1100, 32.9768, -77.2725

# Monochromacy



## Original Color

112.7650, 46.4579, -61.1839

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

112.9230, 16.8000, -21.8575

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.7650, 46.4579, -61.1839 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(43, 130, 207)` looks like.

```
.text, #text, p{  
    color:rgb(43, 130, 207)  
}
```

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(43, 130, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 130, 207) }
```

## Border

The CSS property to change the border of an element to YUV 112.7650, 46.4579, -61.1839 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(43, 130, 207) }
```



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

```
.border{ border-color:rgb(43, 130, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 130, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 130, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 130, 207);  
box-shadow:4px 4px 4px 4px rgb(43, 130,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 112.7650, 46.4579, -61.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 130, 207) }
```

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

```
.background{ background-color: rgb(43, 130,  
207) }
```

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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