

Converting Colors

YUV(114.8000, 60.2446,
-49.8136)

Have a look what the booklet for
YUV(114.8000, 60.2446, -49.8136)
contains.

YUV(114.8000, 60.2446, -49.8136)	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(114.8000, 60.2446,
-49.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	3A78ED
RGB	58, 120, 237
RGB Percent	23%, 47%, 93%
CMY	0.7725, 0.5294, 0.0706
CMYK	0.76, 0.49, 0.00, 0.07
HSL	219°, 83%, 58%
HSV	219°, 76%, 93%
XYZ	23.7475, 20.4469, 82.8158
YIQ	114.8000, -74.5090, 23.2430

Conversions

Conversions Part 2

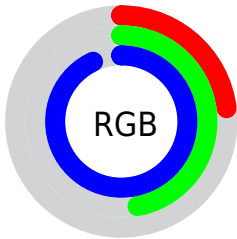
Format	Color
R_{YB}	58, 104, 237
Decimal	3832045
CIE _{Lab}	52.34, 20.35, -64.74
CIE _{LCh}	52, 67.862, 287.453
Yxy	20.4469, 0.1870, 0.1610
Android (android.graphics.Color)	4282022125 (0xFF3A78ED)
YUV	114.8000, 60.2446, -49.8136
Hunter-Lab	45.2183, 14.6116, -76.9350

Details

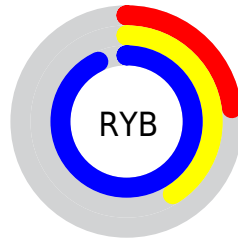
The YUV color **114.8000, 60.2446, -49.8136** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **180.2000, -60.2446, 49.8136**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3060, 42.7401, -35.3484**, and **63.3710, 57.4981, -55.5764** is the 20% darker color. If you saturate the color by 10%, you get **98.8190, 68.1232, -56.8463**, and if you desaturate by 10%, it is **130.7810, 52.3660, -42.7809**.

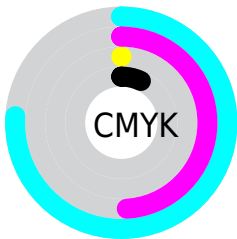
Distribution



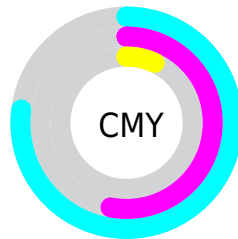
- Red (23%)
- Green (47%)
- Blue (93%)



- Red (23%)
- Yellow (41%)
- Blue (93%)



- Cyan (76%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)



- Cyan (77%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8000, 60.2446, -49.8136 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 114.8000, 60.2446, -49.8136 by changing the saturation by 10% instead.

■ 114.8000, 60.2446,
-49.8136

■ 114.8000, 60.2446,
-49.8136

255.0000, 0.0000,
0.0000

■ 80.0640, 63.0724,
-70.2161

■ 168.3060, 42.7401,
-35.3484

■ 63.3710, 57.4981,
-55.5764

■ 193.7230, 30.2096,
-29.5751

■ 47.3790, 52.0712,
-41.5514

■ 219.4280, 17.5370,
-24.9314

■ 33.1480, 45.7760,
-29.0708

■ 245.1330, 4.8644,
-20.2876

■ 16.6830, 41.0753,
-14.6310

254.4020, 0.2948,
-1.2296

■ 13.8330, 30.1553,
-12.1315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 114.8000, 60.2446,
-49.8136

■ 114.8000, 60.2446,
-49.8136

■ 98.8190, 68.1232,
-56.8463

■ 130.7810, 52.3660,
-42.7809

■ 82.5500, 76.1439,
-62.7493

■ 147.0500, 44.3453,
-36.8779

■ 75.1520, 79.7911,
-65.9083

■ 163.0310, 36.4667,
-29.8452

■ 179.5990, 28.2987,
-23.3273

■ 195.2810, 20.5675,
-16.9094

■ 211.8490, 12.3994,
-10.3916

■ 227.8300, 4.5208,
-3.3589

■ 244.3980, -3.6472,
3.1590

■ 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.



108.8390, 64.1694, -95.4518



114.8000, 60.2446, -49.8136



127.7910, 37.5710, 36.1403

Triad

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



114.8000, 60.2446, -49.8136



118.0060, -38.9500, 79.8017



98.6350, -0.3131, -86.5029

Complementary

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



114.8000, 60.2446, -49.8136



180.2000, -60.2446, 49.8136

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.



100.5920, -31.8439, -53.1392



114.8000, 60.2446, -49.8136



117.4600, -57.9078, 46.9546

Square

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



114.8000, 60.2446, -49.8136



114.3960, -10.0552, 98.7537



113.0650, -55.7410, 5.2050



106.6490, 25.3160, -93.5312

Rectangle

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



114.8000, 60.2446, -49.8136



122.7540, 23.7853, 71.2527



113.0650, -55.7410, 5.2050



95.6540, -9.1964, -83.8886

Sweetspot

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



114.8000, 60.2446, -49.8136



215.0530, 19.6939, -16.7095



176.2970, -1.1324, -103.7465



103.1480, 12.2520, -9.7768



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.



114.8000, 60.2446, -49.8136



96.4080, 78.1859, -64.3788



86.4790, 74.2069, -1.2971



109.6020, 3.6472, -3.1590



57.6150, 60.8288, -50.5284



17.3090, 18.0887, -15.1800

Inverse Universe

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



118.5890, 0.6956, 103.8464



101.4880, 0.7454, 134.6300



208.5210, -74.2069, 1.2971



109.7450, 0.1257, 6.3626



61.3010, 0.8376, 104.9760



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 114.8000, 60.2446, -49.8136 looks on a white background.

Color Contrast Check

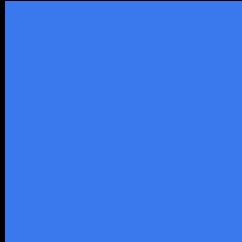
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.8000, 60.2446, -49.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

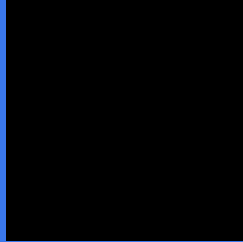
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

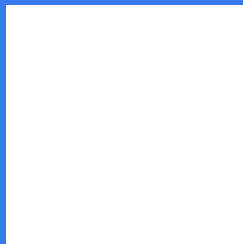
Any Text WCAG AAA × Fail

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

YUV 114.8000, 60.2446, -49.8136 Background



This preview shows how black text looks on a background with the YUV color 114.8000, 60.2446, -49.8136.



This preview shows how white text looks on a background with the YUV color 114.8000, 60.2446, -49.8136.

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

114.8000, 60.2446, -49.8136

Protanopia

114.8000, 60.2446, -49.8136

Deuteranopia

99.8570, 60.2165, -87.5746



Tritanopia

97.8780, 24.7101, -85.8390

Trichromacy



Original Color

114.8000, 60.2446, -49.8136

Protanomaly

114.8000, 60.2446, -49.8136

Deuteranomaly

104.9450, 60.1731, -73.6198

Tritanomaly

103.6960, 37.6179, -72.5244

Monochromacy



Original Color

114.8000, 60.2446, -49.8136

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9110, 21.7359, -18.3389

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8000, 60.2446, -49.8136 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(58, 120, 237)` looks like.

```
.text, #text, p{  
    color:rgb(58, 120, 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(58, 120, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 120, 237) }
```

Border

The CSS property to change the border of an element to YUV 114.8000, 60.2446, -49.8136 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(58, 120, 237) }
```


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

```
.border{ border-color:rgb(58, 120, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 120, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 120, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 120, 237);  
box-shadow:4px 4px 4px 4px rgb(58, 120,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 114.8000, 60.2446, -49.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 120, 237) }
```

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

```
.background{ background-color: rgb(58, 120,  
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](#).

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