

Converting Colors

YUV(115.3490, 44.1979,
-36.2631)

Have a look what the booklet for
YUV(115.3490, 44.1979, -36.2631)
contains.

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Color

**YUV(115.3490, 44.1979,
-36.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	4A77CD
RGB	74, 119, 205
RGB Percent	29%, 47%, 80%
CMY	0.7098, 0.5333, 0.1961
CMYK	0.64, 0.42, 0.00, 0.20
HSL	219°, 57%, 55%
HSV	219°, 64%, 80%
XYZ	20.4403, 19.0573, 60.3587
YIQ	115.3490, -54.4260, 17.2060

Conversions

Conversions Part 2

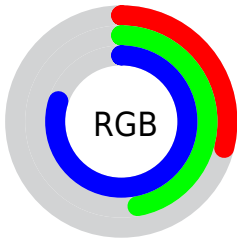
Format	Color
R_{YB}	74, 107, 205
Decimal	4880333
CIE _{Lab}	50.75, 11.83, -49.20
CIE _{LCh}	51, 50.603, 283.518
Yxy	19.0573, 0.2047, 0.1908
Android (android.graphics.Color)	4283070413 (0xFF4A77CD)
YUV	115.3490, 44.1979, -36.2631
Hunter-Lab	43.6546, 7.1830, -51.4186

Details

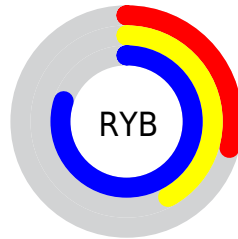
The YUV color **115.3490, 44.1979, -36.2631** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **163.6510, -44.1979, 36.2631**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5130, 42.1451, -31.1449**, and **58.7770, 44.9729, -51.5474** is the 20% darker color. If you saturate the color by 10%, you get **101.7380, 50.9082, -41.8662**, and if you desaturate by 10%, it is **129.2590, 37.3403, -30.0451**.

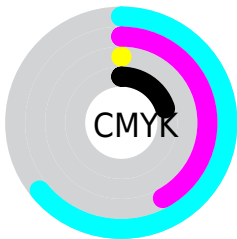
Distribution



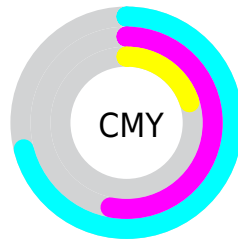
- Red (29%)
- Green (47%)
- Blue (80%)



- Red (29%)
- Yellow (42%)
- Blue (80%)



- Cyan (64%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (71%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3490, 44.1979, -36.2631 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 115.3490, 44.1979, -36.2631 by changing the saturation by 10% instead.

■ 115.3490, 44.1979,
-36.2631

■ 115.3490, 44.1979,
-36.2631

■ 255.0000, 0.0000,
0.0000

■ 87.3050, 44.2196,
-43.2405

■ 169.5130, 42.1451,
-31.1449

■ 58.7770, 44.9729,
-51.5474

■ 194.0330, 30.0567,
-27.2159

■ 43.4860, 39.6934,
-38.1372

■ 219.4390, 17.5316,
-23.1870

■ 28.7820, 34.1245,
-25.2418

■ 244.5460, 5.1538,
-19.7728

■ 9.6100, 31.7443,
-8.4280

■ 254.1030, 0.4422,
-1.8443

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 115.3490, 44.1979,
-36.2631

■ 115.3490, 44.1979,
-36.2631

■ 101.7380, 50.9082,
-41.8662

■ 129.2590, 37.3403,
-30.0451

■ 87.2410, 58.0552,
-47.5694

■ 143.4570, 30.3407,
-24.9568

■ 73.6300, 64.7654,
-53.1725

■ 157.3670, 23.4831,
-18.7389

■ 64.4600, 69.2862,
-56.5314

■ 171.5650, 16.4835,
-13.6505

■ 185.4750, 9.6258,
-7.4326

■ 199.6730, 2.6262,
-2.3442

■ 213.5830, -4.2314,
3.8737

■ 227.7810,
-11.2310, 8.9621

■ 240.4950,
-17.4990, 12.7209

Harmonies

Analogous

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



100.6260, 50.4704, -88.2490



115.3490, 44.1979, -36.2631



124.5150, 29.3261, 20.5963

Triad

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



115.3490, 44.1979, -36.2631



118.5830, -27.4024, 62.6327



93.0100, 0.9811, -81.5698

Complementary

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



115.3490, 44.1979, -36.2631



163.6510, -44.1979, 36.2631

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.



108.1250, -26.6836, -28.1736



115.3490, 44.1979, -36.2631



117.0690, -41.4460, 40.2815

Square

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



115.3490, 44.1979, -36.2631



119.0890, -7.9319, 70.9589



113.8280, -42.8062, 9.7978



99.3140, 20.0582, -87.0984

Rectangle

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



115.3490, 44.1979, -36.2631



123.4060, 18.0408, 47.0019



113.8280, -42.8062, 9.7978



94.8990, -7.3452, -70.9484

Sweetspot

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



115.3490, 44.1979, -36.2631



221.8640, 16.3360, -13.0357



160.5870, -0.7824, -75.9368



107.2900, 10.2100, -8.1473



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.



115.3490, 44.1979, -36.2631



120.6730, 66.2232, -54.0872



94.9140, 54.2724, -0.8016



94.9010, 3.4998, -2.5442



52.3830, 56.0132, -45.9399



11.9630, 12.8362, -10.4916

Inverse Universe

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



118.2990, 0.3456, 76.0368



125.2420, 0.3737, 113.7978



184.0860, -54.2724, 0.8016



95.3320, -0.1637, 5.8478



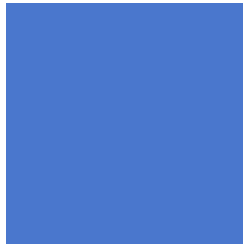
56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 115.3490, 44.1979, -36.2631 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 115.3490, 44.1979, -36.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

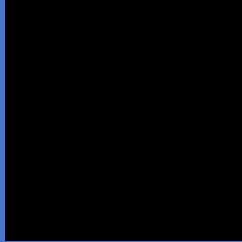
Any Text WCAG AA ✓ Pass

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 115.3490, 44.1979, -36.2631 Background



This preview shows how black text looks on a background with the YUV color 115.3490, 44.1979, -36.2631.



This preview shows how white text looks on a background with the YUV color 115.3490, 44.1979, -36.2631.

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

115.3490, 44.1979, -36.2631

Protanopia

117.0510, 42.8659, -28.9857

Deuteranopia

111.9240, 45.3935, -46.4143



Tritanopia

105.4470, 18.5136, -58.2740

Trichromacy



Original Color

115.3490, 44.1979, -36.2631

Protanomaly

116.4420, 43.1661, -31.9596

Deuteranomaly

112.8320, 44.9458, -42.8257

Tritanomaly

109.0210, 28.0906, -50.0074

Monochromacy



Original Color

115.3490, 44.1979, -36.2631

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8640, 16.3360, -13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3490, 44.1979, -36.2631 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(74, 119, 205)` looks like.

```
.text, #text, p{  
    color:rgb(74, 119, 205)  
}
```

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(74, 119, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 119, 205) }
```

Border

The CSS property to change the border of an element to YUV 115.3490, 44.1979, -36.2631 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(74, 119, 205) }
```


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

```
.border{ border-color:rgb(74, 119, 205) }
```

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

Here you see how a box with a 4 pixel rgb(74, 119, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 119, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 119, 205);  
box-shadow:4px 4px 4px 4px rgb(74, 119,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 115.3490, 44.1979, -36.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 119, 205) }
```

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

```
.background{ background-color: rgb(74, 119,  
205) }
```

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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