

Converting Colors

YUV(115.2520, 41.2878,
-36.1780)

Have a look what the booklet for
YUV(115.2520, 41.2878, -36.1780)
contains.

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Color

**YUV(115.2520, 41.2878,
-36.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	4A78C7
RGB	74, 120, 199
RGB Percent	29%, 47%, 78%
CMY	0.7098, 0.5294, 0.2196
CMYK	0.63, 0.40, 0.00, 0.22
HSL	218°, 53%, 54%
HSV	218°, 63%, 78%
XYZ	19.8493, 19.0123, 56.6564
YIQ	115.2520, -52.7750, 14.8170

Conversions

Conversions Part 2

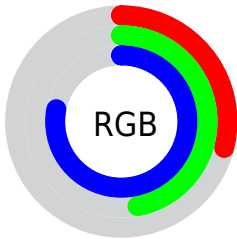
Format	Color
RYP	74, 108, 199
Decimal	4880583
CIELab	50.70, 9.14, -45.86
CIElCh	51, 46.763, 281.270
Yxy	19.0123, 0.2078, 0.1990
Android (android.graphics.Color)	4283070663 (0xFF4A78C7)
YUV	115.2520, 41.2878, -36.1780
Hunter-Lab	43.6031, 4.9526, -46.5172

Details

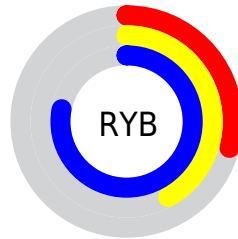
The YUV color **115.2520, 41.2878, -36.1780** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **157.7480, -41.2878, 36.1780**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8010, 42.0031, -32.2745**, and **58.7940, 42.4996, -51.5623** is the 20% darker color. If you saturate the color by 10%, you get **101.6410, 47.9980, -41.7812**, and if you desaturate by 10%, it is **128.8630, 34.5775, -30.5749**.

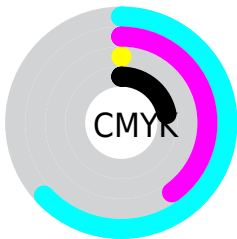
Distribution



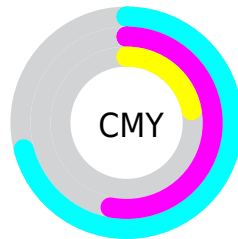
- Red (29%)
- Green (47%)
- Blue (78%)



- Red (29%)
- Yellow (42%)
- Blue (78%)



- Cyan (63%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2520, 41.2878, -36.1780 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 115.2520, 41.2878, -36.1780 by changing the saturation by 10% instead.

■ 115.2520, 41.2878,
-36.1780

■ 115.2520, 41.2878,
-36.1780

■ 255.0000, 0.0000,
0.0000

■ 87.8060, 41.0146,
-41.9259

■ 169.8010, 42.0031,
-32.2745

■ 58.7940, 42.4996,
-51.5623

■ 194.3210, 29.9147,
-28.3455

■ 42.8020, 37.0726,
-37.5374

■ 219.4280, 17.5370,
-24.9314

■ 28.2120, 31.9405,
-24.7419

■ 244.8340, 5.0118,
-20.9024

■ 9.6270, 29.2709,
-8.4429

■ 253.8040, 0.5896,
-2.4591

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 115.2520, 41.2878,
-36.1780

■ 115.2520, 41.2878,
-36.1780

■ 101.6410, 47.9980,
-41.7812

■ 128.8630, 34.5775,
-30.5749

■ 88.6170, 54.4188,
-47.8991

■ 141.8870, 28.1567,
-24.4569

■ 75.0060, 61.1290,
-53.5023

■ 155.4980, 21.4465,
-18.8537

■ 65.5370, 65.7973,
-57.4759

■ 168.5220, 15.0257,
-12.7358

■ 182.1330, 8.3154,
-7.1326

■ 194.8580, 2.0420,
-1.6295

■ 208.4690, -4.6682,
3.9737

■ 222.0800,
-11.3784, 9.5768

■ 235.1040,
-17.7993, 15.6948

Harmonies

Analogous

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



99.8280, 47.4128, -87.5492



115.2520, 41.2878, -36.1780



124.4390, 27.8846, 16.2780

Triad

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



115.2520, 41.2878, -36.1780



119.0710, -24.1920, 59.5737



92.3090, 0.8337, -80.9550

Complementary

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



115.2520, 41.2878, -36.1780



157.7480, -41.2878, 36.1780

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.



110.0980, -25.6843, -22.0109



115.2520, 41.2878, -36.1780



118.2090, -37.0780, 39.2817

Square

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



115.2520, 41.2878, -36.1780



120.0990, -6.4578, 64.8112



114.5770, -38.7385, 11.7720



97.5700, 18.4530, -85.5689

Rectangle

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



115.2520, 41.2878, -36.1780



123.9600, 17.7677, 41.2541



114.5770, -38.7385, 11.7720



102.2110, -10.4570, -52.8050

Sweetspot

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



115.2520, 41.2878, -36.1780



222.4510, 16.0467, -13.5505



156.1530, -2.5404, -72.0482



107.8770, 9.9206, -8.6621



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.



115.2520, 41.2878, -36.1780



126.8640, 63.1710, -55.1317



92.7350, 52.3886, -3.2756



92.7870, 3.0630, -2.4442



53.8020, 53.8346, -47.1844



11.7350, 11.9626, -10.2916

Inverse Universe

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



116.6190, 1.6668, 72.2481



129.0890, 2.4211, 110.4239



180.2650, -52.3886, 3.2756



93.0330, -0.0163, 5.2331



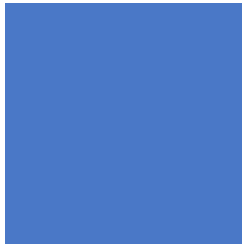
55.5770, 2.1805, 94.2100



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 115.2520, 41.2878, -36.1780 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 115.2520, 41.2878, -36.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

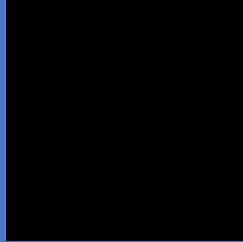
Any Text WCAG AA ✓ Pass

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 115.2520, 41.2878, -36.1780 Background



This preview shows how black text looks on a background with the YUV color 115.2520, 41.2878, -36.1780.



This preview shows how white text looks on a background with the YUV color 115.2520, 41.2878, -36.1780.

-36.1780.

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

115.2520, 41.2878, -36.1780

Protanopia

118.0360, 38.9293, -26.3416

Deuteranopia

114.3440, 41.7354, -39.7667



Tritanopia

107.2410, 17.6292, -54.5854

Trichromacy



Original Color

115.2520, 41.2878, -36.1780

Protanomaly

117.2420, 39.8137, -30.0302

Deuteranomaly

114.9420, 41.4406, -38.5371

Tritanomaly

110.4620, 25.9012, -47.7632

Monochromacy



Original Color

115.2520, 41.2878, -36.1780

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2230, 15.1731, -13.3506

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2520, 41.2878, -36.1780 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, 120, 199)` looks like.

```
.text, #text, p{  
    color:rgb(74, 120, 199)  
}
```

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, 120, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 120, 199) }
```

Border

The CSS property to change the border of an element to YUV 115.2520, 41.2878, -36.1780 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, 120, 199) }
```


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

```
.border{ border-color:rgb(74, 120, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 120, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 120, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 120, 199);  
box-shadow:4px 4px 4px 4px rgb(74, 120,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 115.2520, 41.2878, -36.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 120, 199) }
```

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

```
.background{ background-color: rgb(74, 120,  
199) }
```

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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