

Converting Colors

YUV(91.4400, 16.0521,
-15.2949)

Have a look what the booklet for
YUV(91.4400, 16.0521, -15.2949)
contains.

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Color

**YUV(91.4400, 16.0521,
-15.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5E7C
RGB	74, 94, 124
RGB Percent	29%, 37%, 49%
CMY	0.7098, 0.6314, 0.5137
CMYK	0.40, 0.24, 0.00, 0.51
HSL	216°, 25%, 39%
HSV	216°, 40%, 49%
XYZ	10.4648, 10.9165, 20.6243
YIQ	91.4400, -21.5500, 5.0900

Conversions

Conversions Part 2

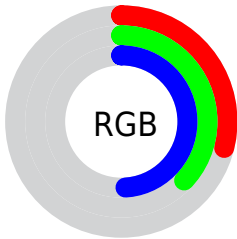
Format	Color
RYB	74, 88, 124
Decimal	4873852
CIELab	39.44, 0.68, -19.27
CIELCh	39, 19.287, 272.025
Yxy	10.9165, 0.2491, 0.2599
Android (android.graphics.Color)	4283063932 (0xFF4A5E7C)
YUV	91.4400, 16.0521, -15.2949
Hunter-Lab	33.0401, -1.2837, -13.8820

Details

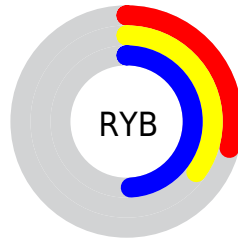
The YUV color **91.4400, 16.0521, -15.2949** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.5600, -16.0521, 15.2949**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0810, 17.2151, -14.9800**, and **44.2010, 15.1839, -16.8393** is the 20% darker color. If you saturate the color by 10%, you get **83.7430, 19.8467, -19.0686**, and if you desaturate by 10%, it is **99.1370, 12.2575, -11.5211**.

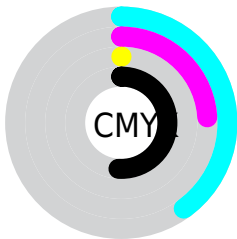
Distribution



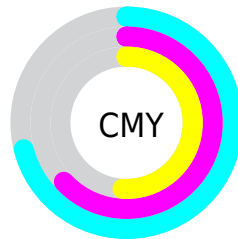
- Red (29%)
- Green (37%)
- Blue (49%)



- Red (29%)
- Yellow (35%)
- Blue (49%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4400, 16.0521, -15.2949 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 91.4400, 16.0521, -15.2949 by changing the saturation by 10% instead.

■ 91.4400, 16.0521,
-15.2949

■ 91.4400, 16.0521,
-15.2949

■ 255.0000, 0.0000,
0.0000

■ 67.3260, 15.6153,
-15.1949

■ 142.0810, 17.2151,
-14.9800

■ 44.2010, 15.1839,
-16.8393

■ 168.7820, 17.3625,
-15.5948

■ 22.3640, 14.6105,
-19.6132

■ 195.8960, 17.7993,
-15.6948

■ 4.7080, 12.9620,
-4.1289

■ 223.3260, 15.6153,
-15.1949

■ 0.3420, 1.3104,
-0.2999

■ 249.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 91.4400, 16.0521,
-15.2949

■ 91.4400, 16.0521,
-15.2949

■ 83.7430, 19.8467,
-19.0686

■ 99.1370, 12.2575,
-11.5211

■ 75.1600, 24.0781,
-22.9423

■ 107.7200, 8.0260,
-7.6474

■ 67.4630, 27.8727,
-26.7161

■ 115.4170, 4.2314,
-3.8737

■ 58.8800, 32.1042,
-30.5898

■ 124.0000, 0.0000,
0.0000

■ 51.1830, 35.8988,
-34.3635

■ 131.6970, -3.7946,
3.7737


■ 43.4860, 39.6934,
-38.1372

■ 139.9810, -7.8786,
7.0327

■ 147.9770,
-11.8207, 11.4212

■ 156.2610,

-15.9047, 14.6801

 164.2570,
-19.8467, 19.0686

Harmonies

Analogous

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



86.7540, 16.3903, -30.4793



91.4400, 16.0521, -15.2949



94.2250, 12.2141, 2.4337

Triad

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



91.4400, 16.0521, -15.2949



94.5750, -8.6645, 25.8057



87.9240, -4.8925, -17.4733

Complementary

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



91.4400, 16.0521, -15.2949



106.5600, -16.0521, 15.2949

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.



90.1770, -11.9193, -3.6632



91.4400, 16.0521, -15.2949



93.2770, -13.4476, 19.9281

Square

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



91.4400, 16.0521, -15.2949



94.8120, -1.3863, 24.7209



91.7550, -15.1622, 9.8619



85.7250, 3.5866, -30.4538

Rectangle

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



91.4400, 16.0521, -15.2949



95.2540, 8.2558, 12.0552



91.7550, -15.1622, 9.8619



88.5610, -7.6716, -12.7700

Sweetspot

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



91.4400, 16.0521, -15.2949



147.9760, 6.4208, -6.1180



106.7700, -1.3656, -28.7393



74.3030, 3.7946, -3.7737



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4400, 16.0521, -15.2949



110.3880, 24.9517, -23.1423



81.1950, 21.1029, -1.9250



57.4450, 1.7526, -2.1443



43.6000, 40.1302, -38.2372



88.0150, 80.8446, -77.1892

Inverse Universe

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



91.2300, 1.3656, 28.7393



110.4430, 1.7536, 44.3385



116.8050, -21.1029, 1.9250



57.1360, 0.4260, 3.3887



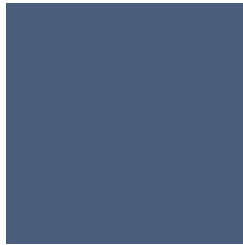
43.0750, 3.4140, 71.8482



86.8620, 6.9700, 144.8260

Previews

White Background



This preview shows how the YUV color 91.4400, 16.0521, -15.2949 looks on a white 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

Black Background



This preview shows how the YUV color 91.4400, 16.0521, -15.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

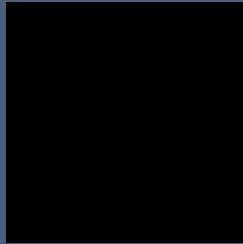
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

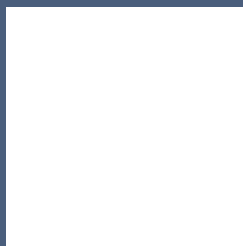
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 91.4400, 16.0521, -15.2949

Background



This preview shows how black text looks on a background with the YUV color 91.4400, 16.0521, -15.2949.



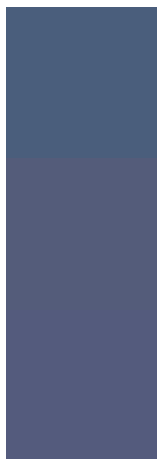
This preview shows how white text looks on a background with the YUV color 91.4400, 16.0521,

-15.2949.

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

91.4400, 16.0521, -15.2949

Protanopia

93.0280, 14.2832, -7.9176

Deuteranopia

92.7830, 15.8830, -7.7027



Tritanopia

89.5400, 7.6218, -18.0136

Trichromacy



Original Color

91.4400, 16.0521, -15.2949

Protanomaly

92.5330, 15.0202, -10.9914

Deuteranomaly

92.1740, 16.1832, -10.6766

Tritanomaly

90.3490, 10.6739, -16.9691

Monochromacy



Original Color

91.4400, 16.0521, -15.2949

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1610, 5.8366, -5.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4400, 16.0521, -15.2949 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, 94, 124)` looks like.

```
.text, #text, p{  
    color:rgb(74, 94, 124)  
}
```

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, 94, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 94, 124) }
```

Border

The CSS property to change the border of an element to YUV 91.4400, 16.0521, -15.2949 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, 94, 124) }
```


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

```
.border{ border-color:rgb(74, 94, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 94, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 94, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 94, 124);  
box-shadow:4px 4px 4px 4px rgb(74, 94,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 91.4400, 16.0521, -15.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 94, 124) }
```

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

```
.background{ background-color: rgb(74, 94,  
124) }
```

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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