

Converting Colors

YUV(41.5500, 15.9979, 2.1487)

Have a look what the booklet for
YUV(41.5500, 15.9979, 2.1487)
contains.

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Color

**YUV(41.5500, 15.9979,
2.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	2C224A
RGB	44, 34, 74
RGB Percent	17%, 13%, 29%
CMY	0.8275, 0.8667, 0.7098
CMYK	0.41, 0.54, 0.00, 0.71
HSL	255°, 37%, 21%
HSV	255°, 54%, 29%
XYZ	2.8468, 2.1739, 6.7481
YIQ	41.5500, -6.8800, 14.5600

Conversions

Conversions Part 2

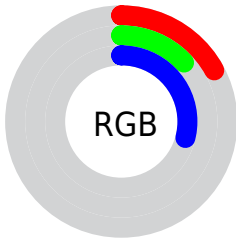
Format	Color
RYB	44, 34, 74
Decimal	2892362
CIELab	16.37, 15.73, -23.33
CIELCh	16, 28.137, 303.992
Yxy	2.1739, 0.2419, 0.1847
Android (android.graphics.Color)	4281082442 (0xFF2C224A)
YUV	41.5500, 15.9979, 2.1487
Hunter-Lab	14.7443, 8.6615, -16.8147

Details

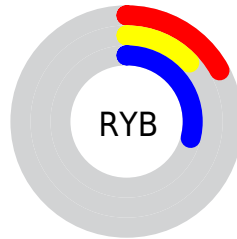
The YUV color **41.5500, 15.9979, 2.1487** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **66.4500, -15.9979, -2.1487**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9030, 17.3028, 3.5931**, and **4.5940, 12.5252, -4.0289** is the 20% darker color. If you saturate the color by 10%, you get **35.6470, 18.9080, 2.0636**, and if you desaturate by 10%, it is **47.4530, 13.0877, 2.2337**.

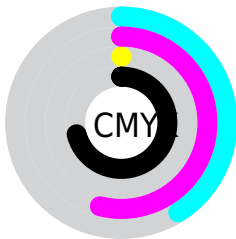
Distribution



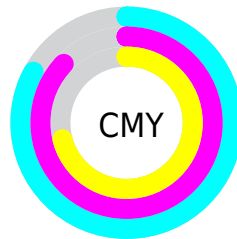
- Red (17%)
- Green (13%)
- Blue (29%)



- Red (17%)
- Yellow (13%)
- Blue (29%)



- Cyan (41%)
- Magenta (54%)
- Yellow (0%)
- Black (71%)



- Cyan (83%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.5500, 15.9979, 2.1487 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 41.5500, 15.9979, 2.1487 by changing the saturation by 10% instead.

■ 41.5500, 15.9979,
2.1487

■ 41.5500, 15.9979,
2.1487

■ 255.0000, 0.0000,
0.0000

■ 20.0230, 15.2717,
1.7338

■ 87.9030, 17.3028,
3.5931

■ 4.5940, 12.5252,
-4.0289

■ 112.4300, 18.0290,
4.0079

■ 0.0000, 0.0000,
0.0000

■ 137.9570, 18.7552,
4.4227

■ 164.0710, 19.1920,
4.3227

■ 191.4840, 19.4814,
4.8375

■ 218.4410, 18.0236,

5.7522

243.5480, 5.6458,
9.1664

41.5500, 15.9979,
2.1487

41.5500, 15.9979,
2.1487

35.6470, 18.9080,
2.0636

47.4530, 13.0877,
2.2337

29.4560, 21.9602,
3.1081

53.6440, 10.0355,
1.1892

23.5530, 24.8704,
3.0230

59.5470, 7.1253,
1.2743

17.3620, 27.9225,
4.0675

65.7380, 4.0732,
0.2298

14.1170, 29.5223,
4.2824

71.6410, 1.1630,
0.3148

■ 77.2450, -1.5998,
-0.2149

■ 83.7350, -4.7994,
-0.6446

■ 89.3390, -7.5621,
-1.1743

■ 95.8290, -10.7617,
-1.6040

Harmonies

Analogous

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



33.8880, 23.2262, -29.7198



41.5500, 15.9979, 2.1487



41.3200, 8.2232, 22.5214

Triad

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



41.5500, 15.9979, 2.1487



38.5070, -18.9840, 22.3574



34.2520, 4.3128, -30.0390

Complementary

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



41.5500, 15.9979, 2.1487



66.4500, -15.9979, -2.1487

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.



31.2710, -4.5706, -27.4247



41.5500, 15.9979, 2.1487



38.1310, -18.7986, 9.5321

Square

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



41.5500, 15.9979, 2.1487



38.3800, -9.5543, 31.2387



35.3740, -17.4394, -6.4670



35.8310, 12.9013, -31.4238

Rectangle

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



41.5500, 15.9979, 2.1487



39.5830, 2.6706, 30.1837



35.3740, -17.4394, -6.4670



33.4540, 1.2552, -29.3392

Sweetspot

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



41.5500, 15.9979, 2.1487



84.0200, 6.3991, 0.8595



56.1700, 8.7902, -19.4431



40.9230, 3.4890, 0.9445



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



41.5500, 15.9979, 2.1487



45.9660, 25.1598, 3.5378



47.5300, 13.0497, 14.4442



34.7550, 1.5998, 0.2149



19.4020, 40.7208, 5.7864



43.2630, 92.0613, 12.0473

Inverse Universe

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



49.3800, 7.2077, 21.5917



58.1950, 11.2429, 34.0320



60.4700, -13.0497, -14.4442



35.5380, 0.7208, 2.1592



39.2760, 18.5979, 55.0089



88.3780, 41.2256, 124.2025

Previews

White Background



This preview shows how the YUV color 41.5500, 15.9979, 2.1487 looks on a white background.

Color Contrast Check

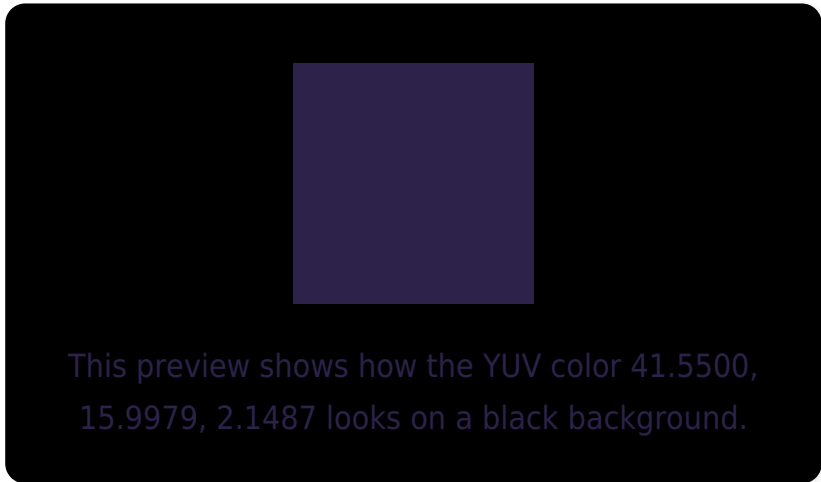
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

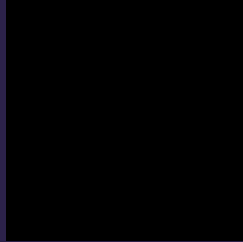
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.5500, 15.9979, 2.1487

Background



This preview shows how black text looks on a background with the YUV color 41.5500, 15.9979, 2.1487.



This preview shows how white text looks on a background with the YUV color 41.5500, 15.9979,

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

41.5500, 15.9979, 2.1487

Protanopia

36.7970, 21.2991, -18.2390

Deuteranopia

35.8630, 17.8155, -20.9279



Tritanopia

40.2600, 2.3368, -2.8590

Trichromacy



Original Color

41.5500, 15.9979, 2.1487

Protanomaly

38.3850, 19.5302, -10.8616

Deuteranomaly

37.8040, 17.3516, -12.1061

Tritanomaly

40.6500, 7.5676, -0.5700

Monochromacy



Original Color

41.5500, 15.9979, 2.1487

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.5500, 15.9979, 2.1487 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(44, 34, 74)` looks like.

```
.text, #text, p{  
  color:rgb(44, 34, 74)  
}
```

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(44, 34, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 34, 74) }
```

Border

The CSS property to change the border of an element to YUV 41.5500, 15.9979, 2.1487 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(44, 34, 74) }
```


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

```
.border{ border-color:rgb(44, 34, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 34, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 34, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 34, 74);  
box-shadow:4px 4px 4px 4px rgb(44, 34, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.5500, 15.9979, 2.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 34, 74) }
```

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

```
.background{ background-color: rgb(44, 34,  
74) }
```

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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