

Converting Colors

YUV(41.4500, 24.4281, 4.8673)

Have a look what the booklet for
YUV(41.4500, 24.4281, 4.8673)
contains.

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Color

**YUV(41.4500, 24.4281,
4.8673)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1D5B
RGB	47, 29, 91
RGB Percent	18%, 11%, 36%
CMY	0.8157, 0.8863, 0.6431
CMYK	0.48, 0.68, 0.00, 0.64
HSL	257°, 52%, 24%
HSV	257°, 68%, 36%
XYZ	3.5000, 2.2384, 10.1451
YIQ	41.4500, -9.1740, 23.0980

Conversions

Conversions Part 2

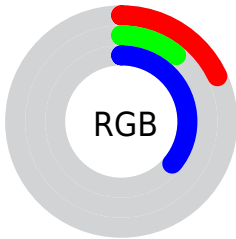
Format	Color
R_{YB}	47, 29, 91
Decimal	3087707
CIE _{Lab}	16.69, 25.43, -34.30
CIE _{LCh}	17, 42.705, 306.553
Y _{xy}	2.2384, 0.2204, 0.1409
Android (android.graphics.Color)	4281277787 (0xFF2F1D5B)
YUV	41.4500, 24.4281, 4.8673
Hunter-Lab	14.9613, 15.5753, -29.7311

Details

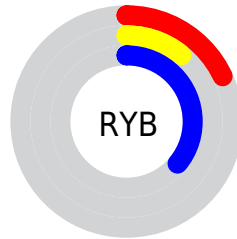
The YUV color **41.4500, 24.4281, 4.8673** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **78.5500, -24.4281, -4.8673**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.6290, 26.3119, 7.3414**, and **5.0160, 19.2191, -4.3990** is the 20% darker color. If you saturate the color by 10%, you get **34.3730, 27.9171, 5.8119**, and if you desaturate by 10%, it is **48.5270, 20.9392, 3.9228**.

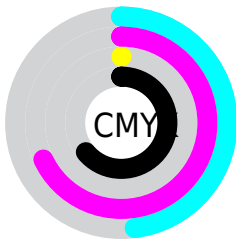
Distribution



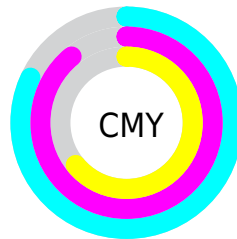
- Red (18%)
- Green (11%)
- Blue (36%)



- Red (18%)
- Yellow (11%)
- Blue (36%)



- Cyan (48%)
- Magenta (68%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4500, 24.4281, 4.8673 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 41.4500, 24.4281, 4.8673 by changing the saturation by 10% instead.

■ 41.4500, 24.4281,
4.8673

■ 41.4500, 24.4281,
4.8673

■ 255.0000, 0.0000,
0.0000

■ 18.9120, 23.7074,
2.7082

■ 88.6290, 26.3119,
7.3414

■ 5.0160, 19.2191,
-4.3990

■ 113.4550, 26.8907,
8.3710

■ 3.2090, 9.7570,
-2.8143

■ 139.3950, 27.9063,
9.3006

■ 0.0000, 0.0000,
0.0000

■ 165.9220, 28.6325,
9.7154

■ 193.4490, 29.3586,
10.1302

■ 218.1970, 18.1439,

13.8592

241.4990, 6.6560,
11.8404

41.4500, 24.4281,
4.8673

41.4500, 24.4281,
4.8673

34.3730, 27.9171,
5.8119

48.5270, 20.9392,
3.9228

26.9970, 31.5535,
6.1416

55.9030, 17.3028,
3.5931

19.9200, 35.0424,
7.0862

62.9800, 13.8139,
2.6485

18.1480, 35.9160,
6.8862

70.3560, 10.1775,
2.3188

78.0200, 6.3991,
0.8595

■ 85.3960, 2.7628,
0.5297

■ 92.4730, -0.7262,
-0.4148

■ 99.8490, -4.3626,
-0.7446

■ 106.9260, -7.8515,
-1.6891

Harmonies

Analogous

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



36.9830, 32.5464, -32.4341



41.4500, 24.4281, 4.8673



34.0910, 15.7311, 41.1392

Triad

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



41.4500, 24.4281, 4.8673



38.8390, -19.1476, 28.2052



37.0560, 4.9024, -32.4981

Complementary

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



41.4500, 24.4281, 4.8673



78.5500, -24.4281, -4.8673

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.



32.2340, -8.4964, -28.2692



41.4500, 24.4281, 4.8673



38.4080, -18.9351, 6.6582

Square

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



41.4500, 24.4281, 4.8673



31.1220, -14.8501, 49.8820



32.3510, -15.9490, -17.8478



39.8890, 18.2957, -34.9827

Rectangle

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



41.4500, 24.4281, 4.8673



32.4530, 6.6787, 51.3457



32.3510, -15.9490, -17.8478



35.3290, 0.8238, -30.9835

Sweetspot

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



41.4500, 24.4281, 4.8673



98.7150, 9.0145, 2.0039



61.8960, 14.3483, -28.8498



47.7920, 5.5255, 1.0594



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



41.4500, 24.4281, 4.8673



40.3160, 37.8052, 7.6159



50.7190, 19.8585, 23.9254



42.1680, 1.8892, 0.7297



22.1080, 43.3308, 8.6753



47.6490, 93.3500, 18.7248

Inverse Universe

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



52.5540, 10.0799, 33.7171



57.4560, 15.5512, 52.2201



69.2810, -19.8585, -23.9254



42.9510, 1.0102, 2.6740



41.7820, 17.8555, 59.8272



90.0150, 38.4466, 128.9058

Previews

White Background



This preview shows how the YUV color 41.4500, 24.4281, 4.8673 looks on a white background.

Color Contrast Check

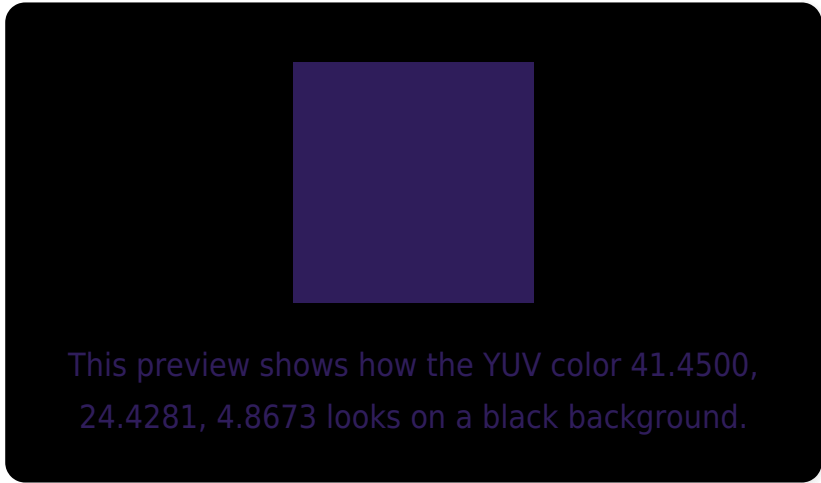
Large Text (above 18pt) WCAG AA ✓ Pass

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

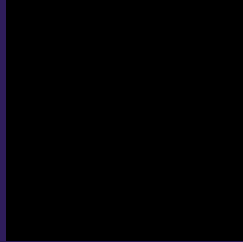
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.4500, 24.4281, 4.8673

Background



This preview shows how black text looks on a background with the YUV color 41.4500, 24.4281, 4.8673.



This preview shows how white text looks on a background with the YUV color 41.4500, 24.4281,

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

41.4500, 24.4281, 4.8673

Protanopia

33.1700, 25.5522, -29.0901

Deuteranopia

33.6770, 19.8792, -29.5347



Tritanopia

41.0640, 2.9264, -5.3181

Trichromacy



Original Color

41.4500, 24.4281, 4.8673

Protanomaly

36.1330, 25.0774, -16.7796

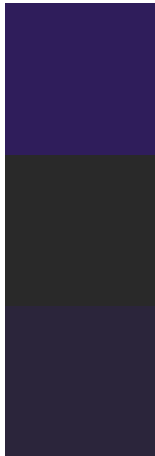
Deuteranomaly

36.5090, 21.4411, -17.1094

Tritanomaly

41.1490, 10.7725, -1.8847

Monochromacy



Original Color

41.4500, 24.4281, 4.8673

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.3020, 8.7251, 1.4891

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4500, 24.4281, 4.8673 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(47, 29, 91)` looks like.

```
.text, #text, p{  
    color:rgb(47, 29, 91)  
}
```

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(47, 29, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 29, 91) }
```

Border

The CSS property to change the border of an element to YUV 41.4500, 24.4281, 4.8673 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(47, 29, 91) }
```


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

```
.border{ border-color:rgb(47, 29, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 29, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 29, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 29, 91);  
box-shadow:4px 4px 4px 4px rgb(47, 29, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.4500, 24.4281, 4.8673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 29, 91) }
```

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

```
.background{ background-color: rgb(47, 29,  
91) }
```

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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