

Converting Colors

YUV(41.4670, 21.9548, 4.8524)

Have a look what the booklet for
YUV(41.4670, 21.9548, 4.8524)
contains.

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Color

**YUV(41.4670, 21.9548,
4.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1E56
RGB	47, 30, 86
RGB Percent	18%, 12%, 34%
CMY	0.8157, 0.8824, 0.6627
CMYK	0.45, 0.65, 0.00, 0.66
HSL	258°, 48%, 23%
HSV	258°, 65%, 34%
XYZ	3.3163, 2.2048, 9.0549
YIQ	41.4670, -7.8440, 21.0200

Conversions

Conversions Part 2

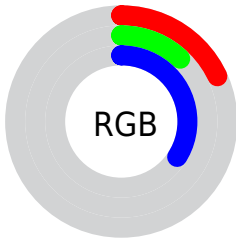
Format	Color
R_{YB}	47, 30, 86
Decimal	3087958
CIE _{Lab}	16.53, 23.18, -31.22
CIE _{LCh}	17, 38.882, 306.596
Yxy	2.2048, 0.2275, 0.1513
Android (android.graphics.Color)	4281278038 (0xFF2F1E56)
YUV	41.4670, 21.9548, 4.8524
Hunter-Lab	14.8485, 13.8816, -25.7622

Details

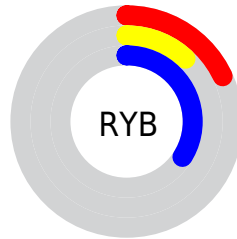
The YUV color **41.4670, 21.9548, 4.8524** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.5330, -21.9548, -4.8524**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.2330, 23.5491, 6.8117**, and **4.5600, 17.4719, -3.9991** is the 20% darker color. If you saturate the color by 10%, you get **34.3900, 25.4437, 5.7970**, and if you desaturate by 10%, it is **48.5440, 18.4658, 3.9079**.

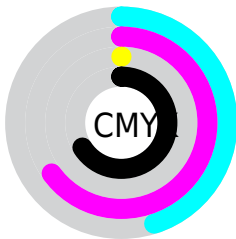
Distribution



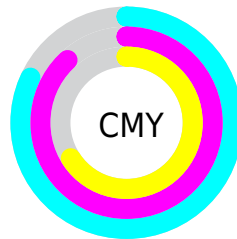
- Red (18%)
- Green (12%)
- Blue (34%)



- Red (18%)
- Yellow (12%)
- Blue (34%)



- Cyan (45%)
- Magenta (65%)
- Yellow (0%)
- Black (66%)



- Cyan (82%)
- Magenta (88%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4670, 21.9548, 4.8524 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 41.4670, 21.9548, 4.8524 by changing the saturation by 10% instead.

■ 41.4670, 21.9548,
4.8524

■ 41.4670, 21.9548,
4.8524

■ 255.0000, 0.0000,
0.0000

■ 19.2280, 21.0866,
3.3080

■ 88.2330, 23.5491,
6.8117

■ 4.5600, 17.4719,
-3.9991

■ 113.1730, 24.5647,
7.7413

■ 2.6390, 7.5730,
-2.3144

■ 138.9990, 25.1435,
8.7709

■ 0.0000, 0.0000,
0.0000

■ 165.5260, 25.8697,
9.1857

■ 193.0530, 26.5959,
9.6005

■ 218.1860, 18.1493,

12.1149

241.4990, 6.6560,
11.8404

41.4670, 21.9548,
4.8524

41.4670, 21.9548,
4.8524

34.3900, 25.4437,
5.7970

48.5440, 18.4658,
3.9079

27.9000, 28.6433,
6.2267

55.0340, 15.2662,
3.4782

20.8230, 32.1323,
7.1712

62.1110, 11.7773,
2.5337

17.5780, 33.7320,
7.3861

68.6010, 8.5777,
2.1039

75.6780, 5.0887,
1.1594

■ 82.7550, 1.5998,
0.2149

■ 89.2450, -1.5998,
-0.2149

■ 96.3220, -5.0887,
-1.1594

■ 102.8120, -8.2883,
-1.5891

Harmonies

Analogous

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



36.2990, 29.9256, -31.8342



41.4670, 21.9548, 4.8524



36.9610, 12.8372, 35.9912

Triad

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



41.4670, 21.9548, 4.8524



38.8280, -19.1422, 26.4608



35.8820, 5.4812, -31.4685

Complementary

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



41.4670, 21.9548, 4.8524



74.5330, -21.9548, -4.8524

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.



31.8750, -7.3334, -27.9544



41.4670, 21.9548, 4.8524



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.



41.4670, 21.9548, 4.8524



33.9040, -14.2497, 43.9342



33.2590, -16.3967, -14.2591



38.9600, 17.2747, -34.1679

Rectangle

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



41.4670, 21.9548, 4.8524



31.4310, 6.6895, 47.8570



33.2590, -16.3967, -14.2591



34.7420, 1.1132, -30.4687

Sweetspot

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



41.4670, 21.9548, 4.8524



94.6010, 8.5777, 2.1039



59.2770, 13.1744, -25.6759



45.6780, 5.0887, 1.1594



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



41.4670, 21.9548, 4.8524



42.6920, 34.1688, 7.2861



49.8390, 17.8274, 22.0662



39.7550, 1.5998, 0.2149



22.0650, 41.8730, 9.5900



48.0190, 92.1816, 20.1543

Inverse Universe

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



51.1900, 8.7803, 30.5284



57.9670, 13.8203, 47.3869



66.1610, -17.8274, -22.0662



40.5380, 0.7208, 2.1592



40.5430, 16.9873, 58.2828



88.8470, 36.5574, 128.1762

Previews

White Background



This preview shows how the YUV color 41.4670, 21.9548, 4.8524 looks on a white background.

Color Contrast Check

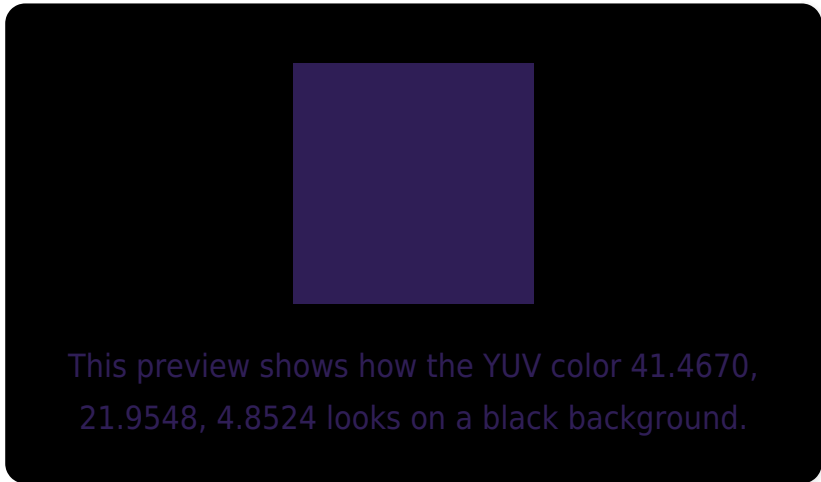
Large Text (above 18pt) WCAG AA ✓ Pass

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

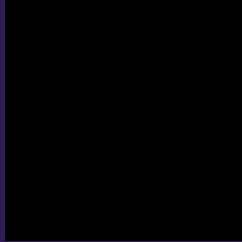
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.4670, 21.9548, 4.8524

Background



This preview shows how black text looks on a background with the YUV color 41.4670, 21.9548, 4.8524.



This preview shows how white text looks on a background with the YUV color 41.4670, 21.9548,

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

41.4670, 21.9548, 4.8524

Protanopia

33.1700, 25.5522, -29.0901

Deuteranopia

32.9760, 19.7318, -28.9200



Tritanopia

40.9610, 2.4842, -3.4738

Trichromacy



Original Color

41.4670, 21.9548, 4.8524

Protanomaly

35.9050, 24.2038, -16.5797

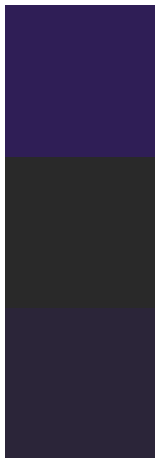
Deuteranomaly

36.2810, 20.5675, -16.9094

Tritanomaly

41.5190, 9.6041, -0.4552

Monochromacy



Original Color

41.4670, 21.9548, 4.8524

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0740, 7.8515, 1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4670, 21.9548, 4.8524 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, 30, 86)` looks like.

```
.text, #text, p{  
    color:rgb(47, 30, 86)  
}
```

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, 30, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 30, 86) }
```

Border

The CSS property to change the border of an element to YUV 41.4670, 21.9548, 4.8524 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, 30, 86) }
```


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

```
.border{ border-color:rgb(47, 30, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 30, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 30, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 30, 86);  
box-shadow:4px 4px 4px 4px rgb(47, 30, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.4670, 21.9548, 4.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 30, 86) }
```

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

```
.background{ background-color: rgb(47, 30,  
86) }
```

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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