

Converting Colors

YUV(41.0520, -1.9976, 34.1574)

Have a look what the booklet for
YUV(41.0520, -1.9976, 34.1574)
contains.

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Color

**YUV(41.0520, -1.9976,
34.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	501625
RGB	80, 22, 37
RGB Percent	31%, 9%, 15%
CMY	0.6863, 0.9137, 0.8549
CMYK	0.00, 0.72, 0.54, 0.69
HSL	344°, 57%, 20%
HSV	344°, 72%, 31%
XYZ	3.9291, 2.4129, 2.0089
YIQ	41.0520, 29.7530, 16.9610

Conversions

Conversions Part 2

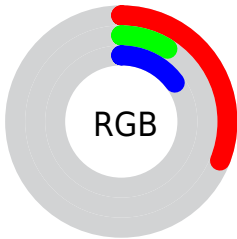
Format	Color
R_{YB}	80, 22, 37
Decimal	5248549
CIE Lab	17.52, 28.40, 4.94
CIE LCh	18, 28.829, 9.876
Yxy	2.4129, 0.4705, 0.2889
Android (android.graphics.Color)	4283438629 (0xFF501625)
YUV	41.0520, -1.9976, 34.1574
Hunter-Lab	15.5334, 17.9673, 3.2055

Details

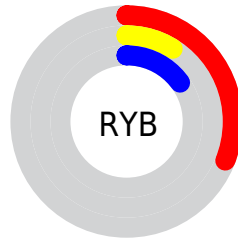
The YUV color **41.0520, -1.9976, 34.1574** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **60.9480, 1.9976, -34.1574**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.2050, -4.0451, 37.5312**, and **9.3830, -4.1328, 18.9581** is the 20% darker color. If you saturate the color by 10%, you get **35.6720, -2.3033, 38.8757**, and if you desaturate by 10%, it is **46.4320, -1.6920, 29.4391**.

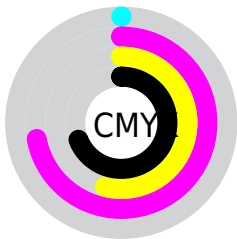
Distribution



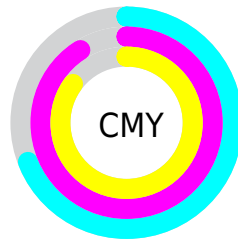
- Red (31%)
- Green (9%)
- Blue (15%)



- Red (31%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (72%)
- Yellow (54%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.0520, -1.9976, 34.1574 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 41.0520, -1.9976, 34.1574 by changing the saturation by 10% instead.

■ 41.0520, -1.9976,
34.1574

■ 41.0520, -1.9976,
34.1574

■ 255.0000, 0.0000,
0.0000

■ 18.2690, -1.1186,
32.2131

■ 89.2050, -4.0451,
37.5312

■ 9.3830, -4.1328,
18.9581

■ 115.1020, -4.4873,
39.3755

■ 0.0000, 0.0000,
0.0000

■ 140.9990, -4.9295,
41.2199

■ 167.5970, -5.2243,
42.4494

■ 195.0810, -5.9559,
43.7790

■ 217.6990, -3.3026,

32.7130

237.3270, 0.8248,
15.4992

41.0520, -1.9976,
34.1574

41.0520, -1.9976,
34.1574

35.6720, -2.3033,
38.8757

46.4320, -1.6920,
29.4391

30.2920, -2.6090,
43.5939

51.8120, -1.3863,
24.7209

26.3140, -2.6198,
47.0826

57.1920, -1.0807,
20.0026

62.5720, -0.7750,
15.2844

67.9520, -0.4693,
10.5661

■ 73.3320, -0.1637,
5.8478

■ 78.7120, 0.1420,
1.1296

■ 83.9780, 0.0108,
-3.4887

■ 89.3580, 0.3165,
-8.2070

Harmonies

Analogous

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



43.1140, 7.3388, 26.2100



41.0520, -1.9976, 34.1574



41.0980, -11.8803, 30.6091

Triad

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



41.0520, -1.9976, 34.1574



36.6230, -15.0971, -11.0704



38.1110, 21.6373, -33.4233

Complementary

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



41.0520, -1.9976, 34.1574



60.9480, 1.9976, -34.1574

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.



38.3900, 15.0907, -33.6680



41.0520, -1.9976, 34.1574



33.7160, -2.8180, -29.5689

Square

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



41.0520, -1.9976, 34.1574



40.1800, -19.8087, 6.8581



36.6970, 6.0654, -32.1833



36.3120, 23.5102, -27.4606

Rectangle

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



41.0520, -1.9976, 34.1574



40.8170, -19.1368, 24.7165



36.6970, 6.0654, -32.1833



38.3560, 20.0375, -33.6382

Sweetspot

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



41.0520, -1.9976, 34.1574



89.4470, -1.2064, 13.6400



41.4690, 18.9958, 20.6367



44.5280, -0.7533, 8.3069



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



41.0520, -1.9976, 34.1574



43.8310, -3.3677, 53.6452



47.5600, -12.6011, 28.4499



38.3100, -0.1528, 2.3591



34.4730, -3.6842, 61.8522



76.2080, -7.9905, 136.6296

Inverse Universe

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



41.0520, -1.9976, 34.1574



43.8310, -3.3677, 53.6452



54.4400, 12.6011, -28.4499



38.3100, -0.1528, 2.3591



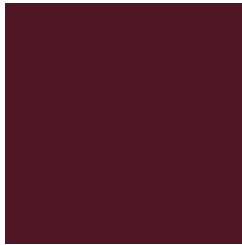
34.4730, -3.6842, 61.8522



76.2080, -7.9905, 136.6296

Previews

White Background



This preview shows how the YUV color 41.0520, -1.9976, 34.1574 looks on a white background.

Color Contrast Check

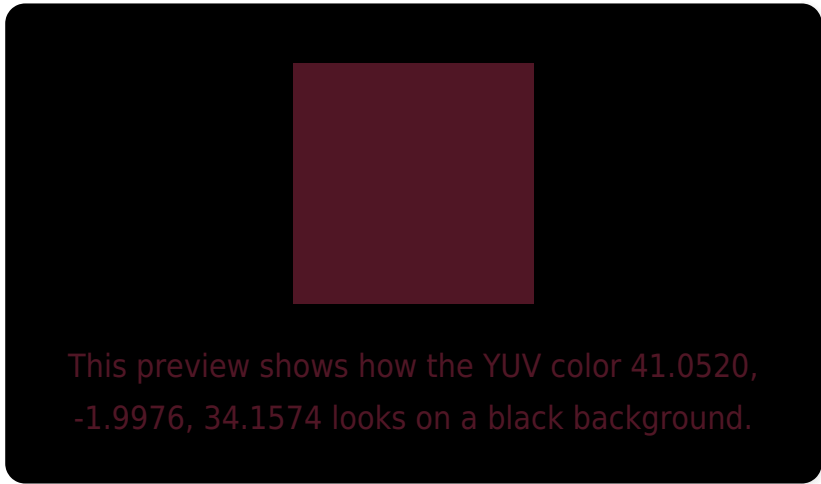
Large Text (above 18pt) WCAG AA ✓ Pass

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

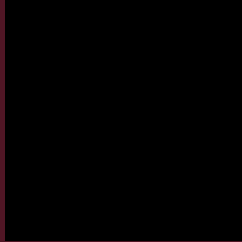
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.0520, -1.9976, 34.1574

Background



This preview shows how black text looks on a background with the YUV color 41.0520, -1.9976, 34.1574.



This preview shows how white text looks on a background with the YUV color 41.0520, -1.9976,

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

41.0520, -1.9976, 34.1574

Protanopia

44.4560, 1.7472, -0.3999

Deuteranopia

44.6650, -5.2578, 6.4328



Tritanopia

40.6730, -7.2338, 33.6128

Trichromacy



Original Color

41.0520, -1.9976, 34.1574

Protanomaly

43.1910, 0.3988, 12.1105

Deuteranomaly

43.0730, -3.9800, 16.5990

Tritanomaly

40.5420, -5.1972, 33.7277

Monochromacy



Original Color

41.0520, -1.9976, 34.1574

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9630, -0.4748, 12.3104

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.0520, -1.9976, 34.1574 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(80, 22, 37)` looks like.

```
.text, #text, p{  
    color:rgb(80, 22, 37)  
}
```

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(80, 22, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 22, 37) }
```

Border

The CSS property to change the border of an element to YUV 41.0520, -1.9976, 34.1574 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(80, 22, 37) }
```


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

```
.border{ border-color:rgb(80, 22, 37) }
```

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

Here you see how a box with a 4 pixel rgb(80, 22, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 22, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 22, 37);  
box-shadow:4px 4px 4px 4px rgb(80, 22, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.0520, -1.9976, 34.1574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 22, 37) }
```

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

```
.background{ background-color: rgb(80, 22,  
37) }
```

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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