

Converting Colors

YUV(40.5030, 17.5000, 33.7619)

Have a look what the booklet for
YUV(40.5030, 17.5000, 33.7619)
contains.

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Color

**YUV(40.5030, 17.5000,
33.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0E4C
RGB	79, 14, 76
RGB Percent	31%, 5%, 30%
CMY	0.6902, 0.9451, 0.7020
CMYK	0.00, 0.82, 0.04, 0.69
HSL	303°, 70%, 18%
HSV	303°, 82%, 31%
XYZ	4.6860, 2.4981, 7.0727
YIQ	40.5030, 18.8380, 33.0620

Conversions

Conversions Part 2

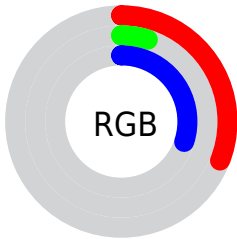
Format	Color
R_{YB}	79, 14, 76
Decimal	5181004
CIE _{Lab}	17.91, 37.18, -21.93
CIE _{LCh}	18, 43.162, 329.463
Yxy	2.4981, 0.3287, 0.1752
Android (android.graphics.Color)	4283371084 (0xFF4F0E4C)
YUV	40.5030, 17.5000, 33.7619
Hunter-Lab	15.8055, 25.2617, -15.4674




Details

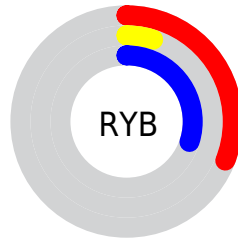
The YUV color **40.5030, 17.5000, 33.7619** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.4970, -17.5000, -33.7619**, and the grayscale version is **40.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **91.5740, 16.4790, 34.5766**, and **13.8140, 8.9657, 17.7031** is the 20% darker color. If you saturate the color by 10%, you get **35.8070, 19.8151, 37.8803**, and if you desaturate by 10%, it is **45.1990, 15.1849, 29.6435**.

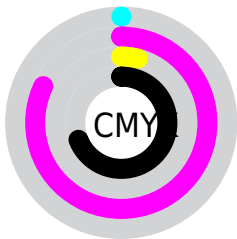
Distribution







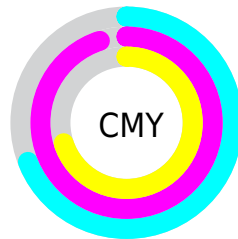
-  Red (31%)
-  Green (5%)
-  Blue (30%)






-  Red (31%)
-  Yellow (5%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (4%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (95%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.5030, 17.5000, 33.7619 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 40.5030, 17.5000, 33.7619 by changing the saturation by 10% instead.

40.5030, 17.5000,
33.7619

40.5030, 17.5000,
33.7619

253.8260, 0.5788,
1.0296

22.1880, 15.1903,
27.8991

91.5740, 16.4790,
34.5766

13.8140, 8.9657,
17.7031

116.9870, 16.7684,
35.0914

0.3420, 1.3104,
-0.2999

143.1120, 17.1998,
36.7358

0.0000, 0.0000,
0.0000


170.5250, 17.4892,
37.2506


198.2370, 17.6312,
38.3802


220.3670, 17.0741,


30.3731


 237.3900, 8.6817,
15.4440


 40.5030, 17.5000,
33.7619


 40.5030, 17.5000,
33.7619


 35.8070, 19.8151,
37.8803


 45.1990, 15.1849,
29.6435

 32.1710, 21.1147,
41.0690

 50.0090, 13.3066,
25.4251

 54.7050, 10.9914,
21.3067

 59.4010, 8.6763,
17.1883

 64.2110, 6.7980,
12.9700

■ 68.3200, 4.7722,
9.3664

■ 73.1300, 2.8939,
5.1480

■ 77.8260, 0.5788,
1.0296

■ 82.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



42.8830, 27.6657, -6.9134



40.5030, 17.5000, 33.7619



33.6490, 6.0890, 53.8048

Triad

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



40.5030, 17.5000, 33.7619



41.9850, -20.6986, 12.2912



41.8950, 15.8278, -36.7419

Complementary

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



40.5030, 17.5000, 33.7619



52.4970, -17.5000, -33.7619

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.



37.6600, 2.1396, -33.0278



40.5030, 17.5000, 33.7619



36.8250, -18.1547, -10.3705

Square

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



40.5030, 17.5000, 33.7619



40.0570, -19.7481, 34.1530



33.0830, -12.8589, -29.0138



43.4570, 26.8897, -38.1118

Rectangle

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



40.5030, 17.5000, 33.7619



31.5540, -3.2311, 56.5191



33.0830, -12.8589, -29.0138



40.7550, 11.4598, -35.7421

Sweetspot

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



40.5030, 17.5000, 33.7619



87.2110, 6.7980, 12.9700



22.0080, 28.0971, -5.2690



42.0810, 3.9041, 7.8220



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



40.5030, 17.5000, 33.7619



42.1430, 27.0445, 52.4946



36.8550, 3.5225, 36.9612



35.6520, 1.1576, 2.0592



41.5560, 27.3339, 53.0094



93.7360, 61.7552, 119.5035

Inverse Universe

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



40.5030, 17.5000, 33.7619



42.1430, 27.0445, 52.4946



56.1450, -3.5225, -36.9612



35.6520, 1.1576, 2.0592



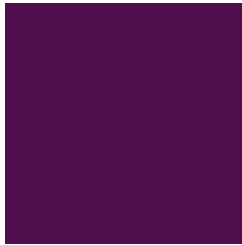
41.5560, 27.3339, 53.0094



93.7360, 61.7552, 119.5035

Previews

White Background



This preview shows how the YUV color 40.5030, 17.5000, 33.7619 looks on a white background.

Color Contrast Check

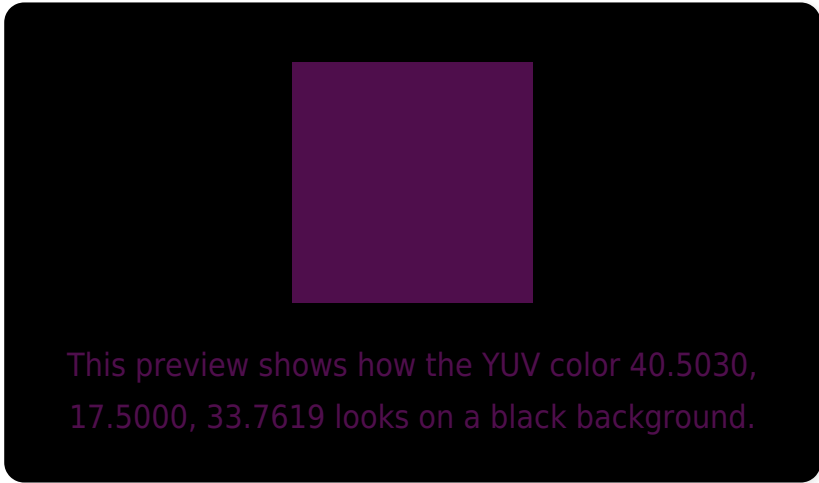
Large Text (above 18pt) WCAG AA ✓ Pass

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

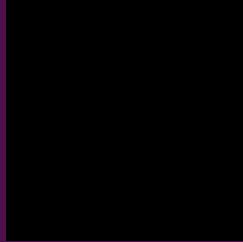
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.5030, 17.5000, 33.7619

Background



This preview shows how black text looks on a background with the YUV color 40.5030, 17.5000, 33.7619.



This preview shows how white text looks on a background with the YUV color 40.5030, 17.5000,

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

40.5030, 17.5000, 33.7619

Protanopia

36.5440, 28.3258, -32.0491

Deuteranopia

44.7780, 13.4204, -11.2063



Tritanopia

45.0850, -5.4649, 26.2355

Trichromacy



Original Color

40.5030, 17.5000, 33.7619

Protanomaly

37.9600, 24.1767, -7.8579

Deuteranomaly

42.9310, 14.8240, 5.3225

Tritanomaly

42.9850, 2.9654, 28.9542

Monochromacy



Original Color

40.5030, 17.5000, 33.7619

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7980, 6.5086, 12.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.5030, 17.5000, 33.7619 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(79, 14, 76)` looks like.

```
.text, #text, p{  
    color:rgb(79, 14, 76)  
}
```

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(79, 14, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 14, 76) }
```

Border

The CSS property to change the border of an element to YUV 40.5030, 17.5000, 33.7619 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(79, 14, 76) }
```


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

```
.border{ border-color:rgb(79, 14, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 14, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 14, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 14, 76);  
box-shadow:4px 4px 4px 4px rgb(79, 14, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.5030, 17.5000, 33.7619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 14, 76) }
```

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

```
.background{ background-color: rgb(79, 14,  
76) }
```

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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