

# Converting Colors

YUV(34.3260, 39.2793, 1.4681)

Have a look what the booklet for  
YUV(34.3260, 39.2793, 1.4681)  
contains.

<b>YUV(34.3260, 39.2793, 1.4681)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(34.3260, 39.2793,  
1.4681)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	241272
RGB	36, 18, 114
RGB Percent	14%, 7%, 45%
CMY	0.8588, 0.9294, 0.5529
CMYK	0.68, 0.84, 0.00, 0.55
HSL	251°, 73%, 26%
HSV	251°, 84%, 45%
XYZ	3.9811, 2.0226, 16.1002
YIQ	34.3260, -20.0880, 33.6720

# Conversions

## Conversions Part 2

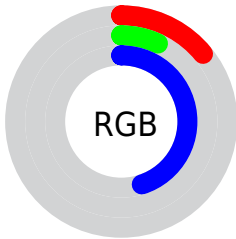
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 18, 114
Decimal	2364018
CIE <sub>Lab</sub>	15.61, 37.41, -51.27
CIE <sub>LCh</sub>	16, 63.468, 306.121
Yxy	2.0226, 0.1801, 0.0915
Android (android.graphics.Color)	4280554098 (0xFF241272)
YUV	34.3260, 39.2793, 1.4681
Hunter-Lab	14.2218, 25.0797, -57.1657




# Details

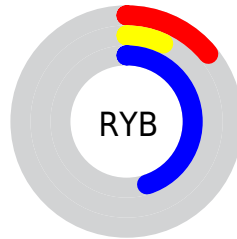
The YUV color **34.3260, 39.2793, 1.4681** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **97.6740, -39.2793, -1.4681**, and the grayscale version is **34.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.4130, 40.7154, 7.5308**, and **7.4100, 28.3919, -6.4986** is the 20% darker color. If you saturate the color by 10%, you get **25.1780, 43.7892, 1.5979**, and if you desaturate by 10%, it is **43.4740, 34.7693, 1.3383**.

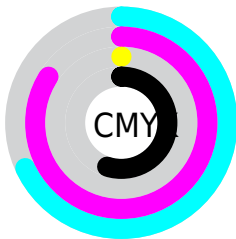
# Distribution







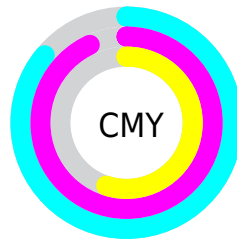
-  Red (14%)
-  Green (7%)
-  Blue (45%)






-  Red (14%)
-  Yellow (7%)
-  Blue (45%)



-  Cyan (68%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (86%)
-  Magenta (93%)
-  Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 34.3260, 39.2793, 1.4681 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 34.3260, 39.2793, 1.4681 by changing the saturation by 10% instead.



■ 34.3260, 39.2793,  
1.4681

■ 34.3260, 39.2793,  
1.4681

■ 252.0650, 1.4470,  
2.5740

■ 10.1460, 38.8750,  
-8.8980

■ 84.4130, 40.7154,  
7.5308

■ 7.4100, 28.3919,  
-6.4986

■ 110.0650, 41.8730,  
9.5900

■ 6.5490, 17.4773,  
-5.7435

■ 136.0050, 42.8885,  
10.5196

■ 2.8670, 8.4466,  
-2.5144

■ 163.2440, 43.7567,  
12.0640

■ 0.0000, 0.0000,  
0.0000

■ 187.8070, 33.1261,  
15.0783

■ 212.3270, 21.0378,

19.0072

235.0420, 9.8393,  
17.5032

34.3260, 39.2793,  
1.4681

34.3260, 39.2793,  
1.4681

25.1780, 43.7892,  
1.5979

43.4740, 34.7693,  
1.3383

19.2750, 46.6994,  
1.5128

53.5080, 29.8226,  
1.3085

62.6560, 25.3126,  
1.1787

72.3910, 20.5132,  
0.5341

81.5390, 16.0033,  
0.4043

■ 90.9860, 11.3459,  
0.8893

■ 100.7210, 6.5465,  
0.2447

■ 109.8690, 2.0366,  
0.1149

■ 119.6040, -2.7628,  
-0.5297

# Harmonies

## Analogous

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



40.8760, 44.9241, -35.8483



34.3260, 39.2793, 1.4681



37.0690, 19.1930, 50.8055

# Triad

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



34.3260, 39.2793, 1.4681



34.1760, -16.8488, 37.5566



37.7570, 5.0498, -33.1129

# Complementary

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



34.3260, 39.2793, 1.4681



97.6740, -39.2793, -1.4681

# 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.



31.1110, -15.3377, -27.2843



34.3260, 39.2793, 1.4681



36.3260, -17.9087, 4.0991

# Square

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



34.3260, 39.2793, 1.4681



30.1990, -14.8881, 62.0925



28.7630, -14.1802, -25.2252



42.7730, 24.2689, -37.5119



# Rectangle

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



34.3260, 39.2793, 1.4681



37.6500, 4.6095, 61.6969



28.7630, -14.1802, -25.2252



35.9330, -1.9390, -31.5132

# Sweetspot

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



34.3260, 39.2793, 1.4681



117.3110, 15.1297, 0.6043



74.7300, 19.3601, -49.7522



55.7040, 9.0199, 0.2596



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



34.3260, 39.2793, 1.4681



25.2440, 60.5187, 2.4170



48.6780, 32.2037, 30.9774



51.2820, 2.3260, 0.6297



20.2580, 49.1728, 1.5277



41.9120, 101.1084, 3.5852



# Inverse Universe

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



55.5960, 19.9192, 51.2203



57.9320, 30.5995, 78.9896



83.3220, -32.2037, -30.9774



52.3640, 1.2995, 3.1888



46.9380, 24.6806, 64.0754

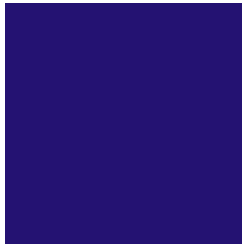


96.7670, 51.3869, 131.7543



# Previews

## White Background



This preview shows how the YUV color 34.3260, 39.2793, 1.4681 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



This preview shows how the YUV color 34.3260, 39.2793, 1.4681 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

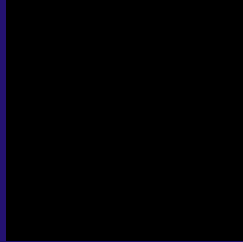
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 34.3260, 39.2793, 1.4681

## Background



This preview shows how black text looks on a background with the YUV color 34.3260, 39.2793, 1.4681.



This preview shows how white text looks on a background with the YUV color 34.3260, 39.2793,



# 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

34.3260, 39.2793, 1.4681

### Protanopia

32.2410, 24.5312, -28.2754

### Deuteranopia

32.6340, 18.4214, -28.6200



## Tritanopia

31.8870, 7.9437, -27.9649

# Trichromacy



## Original Color

34.3260, 39.2793, 1.4681

## Protanomaly

32.8000, 30.1716, -17.3646

## Deuteranomaly

33.0620, 26.0984, -17.5944

## Tritanomaly

32.6400, 19.4045, -17.2243

# Monochromacy



## Original Color

34.3260, 39.2793, 1.4681

## Achromatopsia

34.0000, 0.0000, 0.0000

## Achromatomaly

34.0830, 14.2561, 0.8042

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 34.3260, 39.2793, 1.4681 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(36, 18, 114)` looks like.

```
.text, #text, p{  
    color:rgb(36, 18, 114)  
}
```

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(36, 18, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 18, 114) }
```

## Border

The CSS property to change the border of an element to YUV 34.3260, 39.2793, 1.4681 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(36, 18, 114) }
```



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

```
.border{ border-color:rgb(36, 18, 114) }
```

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

Here you see how a box with a 4 pixel rgb(36, 18, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 18, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 18, 114);  
box-shadow:4px 4px 4px 4px rgb(36, 18,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 34.3260, 39.2793, 1.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 18, 114) }
```

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

```
.background{ background-color: rgb(36, 18,  
114) }
```

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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