

Converting Colors

YUV(76.1320, 33.4589, 1.6382)

Have a look what the booklet for
YUV(76.1320, 33.4589, 1.6382)
contains.

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Color

**YUV(76.1320, 33.4589,
1.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3E90
RGB	78, 62, 144
RGB Percent	31%, 24%, 56%
CMY	0.6941, 0.7569, 0.4353
CMYK	0.46, 0.57, 0.00, 0.44
HSL	252°, 40%, 40%
HSV	252°, 57%, 56%
XYZ	9.8986, 7.0786, 27.2301
YIQ	76.1320, -16.7860, 28.8940

Conversions

Conversions Part 2

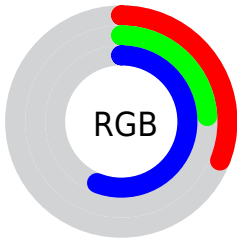
Format	Color
R_{YB}	78, 62, 144
Decimal	5127824
CIE _{Lab}	31.99, 28.41, -43.27
CIE _{LCh}	32, 51.766, 303.285
Yxy	7.0786, 0.2239, 0.1601
Android (android.graphics.Color)	4283317904 (0xFF4E3E90)
YUV	76.1320, 33.4589, 1.6382
Hunter-Lab	26.6056, 19.8508, -42.0579

Details

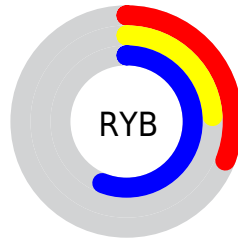
The YUV color **76.1320, 33.4589, 1.6382** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **129.8680, -33.4589, -1.6382**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3110, 35.3427, 4.1123**, and **28.3330, 31.8808, -5.5540** is the 20% darker color. If you saturate the color by 10%, you get **64.3260, 39.2793, 1.4681**, and if you desaturate by 10%, it is **87.9380, 27.6386, 1.8084**.

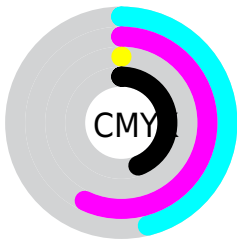
Distribution



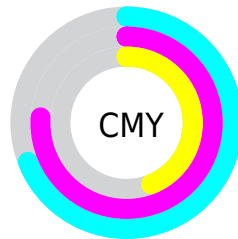
- Red (31%)
- Green (24%)
- Blue (56%)



- Red (31%)
- Yellow (24%)
- Blue (56%)



- Cyan (46%)
- Magenta (57%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1320, 33.4589, 1.6382 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 76.1320, 33.4589, 1.6382 by changing the saturation by 10% instead.

■ 76.1320, 33.4589,
1.6382

■ 76.1320, 33.4589,
1.6382

■ 255.0000, 0.0000,
0.0000

■ 52.1810, 32.4488,
-1.0357

■ 126.3110, 35.3427,
4.1123

■ 28.3330, 31.8808,
-5.5540

■ 153.2510, 36.3583,
5.0419

■ 7.8660, 30.1391,
-6.8985

■ 180.0770, 36.9370,
6.0715

■ 6.8910, 18.7877,
-6.0434

■ 204.2980, 24.9961,
9.3857

■ 3.3230, 10.1938,
-2.9143

■ 229.4050, 12.6183,
12.7998

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.6045,

4.6332

■ 76.1320, 33.4589,
1.6382

■ 76.1320, 33.4589,
1.6382

■ 64.3260, 39.2793,
1.4681

■ 87.9380, 27.6386,
1.8084

■ 52.2320, 45.2416,
2.4275

■ 100.0320, 21.6762,
0.8489

■ 40.4260, 51.0620,
2.2574

■ 111.8380, 15.8559,
1.0191

■ 28.3320, 57.0243,
3.2168

■ 123.9320, 9.8935,
0.0596

■ 24.7880, 58.7715,
2.8169

■ 135.7380, 4.0732,
0.2298

■ 147.5440, -1.7472,
0.3999

■ 159.6380, -7.7095,
-0.5595

■ 171.4440,
-13.5299, -0.3894

■ 183.5380,
-19.4922, -1.3488

Harmonies

Analogous

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



64.2710, 45.7154, -56.3657



76.1320, 33.4589, 1.6382



73.4490, 19.4986, 46.0872

Triad

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



76.1320, 33.4589, 1.6382



70.5130, -34.7629, 43.4001



63.5970, 7.5937, -55.7746

Complementary

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



76.1320, 33.4589, 1.6382



129.8680, -33.4589, -1.6382

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.



57.5210, -10.6099, -50.4459



76.1320, 33.4589, 1.6382



70.6360, -34.8235, 16.1052

Square

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



76.1320, 33.4589, 1.6382



67.6400, -17.0775, 64.3367



63.6490, -31.3790, -15.4782



68.1570, 25.0656, -59.7737

Rectangle

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



76.1320, 33.4589, 1.6382



66.6380, 9.5455, 65.2155



63.6490, -31.3790, -15.4782



61.3000, 1.3311, -53.7601

Sweetspot

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



76.1320, 33.4589, 1.6382



160.3280, 12.6563, 0.5893



110.6770, 16.4282, -42.6897



78.3620, 7.7095, 0.5595



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



76.1320, 33.4589, 1.6382



81.5400, 51.4988, 2.1574



88.0920, 27.5626, 26.2293



65.3960, 2.7628, 0.5297



23.1640, 55.1351, 2.4872



1.2110, 3.3470, -0.1850

Inverse Universe

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



94.0420, 16.7413, 43.8132



109.1880, 25.5433, 67.3641



117.9080, -27.5626, -26.2293



66.7770, 1.5889, 3.7036



52.7910, 27.7110, 72.0973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 76.1320, 33.4589, 1.6382 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 76.1320, 33.4589, 1.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

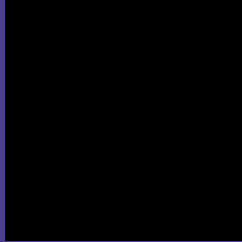
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1320, 33.4589, 1.6382

Background



This preview shows how black text looks on a background with the YUV color 76.1320, 33.4589, 1.6382.



This preview shows how white text looks on a background with the YUV color 76.1320, 33.4589,

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

76.1320, 33.4589, 1.6382

Protanopia

60.5210, 46.5781, -53.0769

Deuteranopia

60.5890, 36.6846, -53.1366



Tritanopia

73.9000, 4.9793, -10.4363

Trichromacy



Original Color

76.1320, 33.4589, 1.6382

Protanomaly

66.0890, 41.8611, -33.4041

Deuteranomaly

66.3680, 35.3146, -33.6487

Tritanomaly

74.6800, 15.4408, -5.8584

Monochromacy



Original Color

76.1320, 33.4589, 1.6382

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2140, 12.2195, 0.6893

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1320, 33.4589, 1.6382 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(78, 62, 144)` looks like.

```
.text, #text, p{  
    color:rgb(78, 62, 144)  
}
```

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(78, 62, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 62, 144) }
```

Border

The CSS property to change the border of an element to YUV 76.1320, 33.4589, 1.6382 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(78, 62, 144) }
```


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

```
.border{ border-color:rgb(78, 62, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 62, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 62, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 62, 144);  
box-shadow:4px 4px 4px 4px rgb(78, 62,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 76.1320, 33.4589, 1.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 62, 144) }
```

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

```
.background{ background-color: rgb(78, 62,  
144) }
```

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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