

Converting Colors

YUV(40.1310, 45.2914, 33.2111)

Have a look what the booklet for
YUV(40.1310, 45.2914, 33.2111)
contains.

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Color

**YUV(40.1310, 45.2914,
33.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0384
RGB	78, 3, 132
RGB Percent	31%, 1%, 52%
CMY	0.6941, 0.9882, 0.4824
CMYK	0.41, 0.98, 0.00, 0.48
HSL	275°, 96%, 26%
HSV	275°, 98%, 52%
XYZ	7.3393, 3.3508, 22.0897
YIQ	40.1310, 3.2910, 56.0190

Conversions

Conversions Part 2

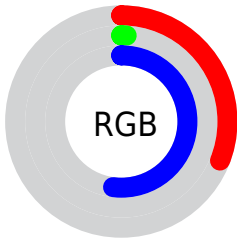
Format	Color
R_{YB}	78, 3, 132
Decimal	5112708
CIE _{Lab}	21.40, 51.72, -53.04
CIE _{LCh}	21, 74.084, 314.278
Yxy	3.3508, 0.2239, 0.1022
Android (android.graphics.Color)	4283302788 (0xFF4E0384)
YUV	40.1310, 45.2914, 33.2111
Hunter-Lab	18.3051, 39.5344, -58.7348

Details

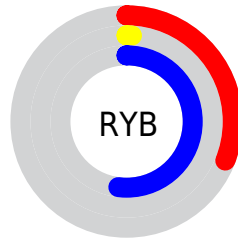
The YUV color **40.1310, 45.2914, 33.2111** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **94.8690, -45.2914, -33.2111**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.9520, 43.4077, 30.7371**, and **16.4100, 31.8429, 6.6564** is the 20% darker color. If you saturate the color by 10%, you get **38.0710, 46.3070, 34.1407**, and if you desaturate by 10%, it is **49.5560, 40.6449, 30.2074**.

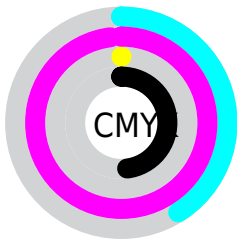
Distribution



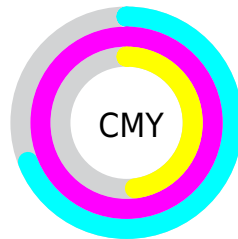
- Red (31%)
- Green (1%)
- Blue (52%)



- Red (31%)
- Yellow (1%)
- Blue (52%)



- Cyan (41%)
- Magenta (98%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (99%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.1310, 45.2914, 33.2111 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 40.1310, 45.2914, 33.2111 by changing the saturation by 10% instead.

40.1310, 45.2914,
33.2111

40.1310, 45.2914,
33.2111

255.0000, 0.0000,
0.0000

27.0340, 38.9302,
20.1412

97.9520, 43.4077,
30.7371

16.4100, 31.8429,
6.6564

124.7780, 43.9864,
31.7667

6.4980, 24.8975,
-5.6987

152.0170, 44.8546,
33.3111

5.1640, 14.7091,
-4.5288

177.9050, 38.0078,
36.0403


1.0260, 3.9312,
-0.8998


202.4250, 25.9195,
39.9693


0.0000, 0.0000,
0.0000


220.9540, 16.7847,


29.8583


 237.9770, 8.3923,
14.9292


 40.1310, 45.2914,
33.2111


 40.1310, 45.2914,
33.2111


 38.0710, 46.3070,
34.1407

 49.5560, 40.6449,
30.2074

 58.6820, 36.1458,
26.5889

 68.6940, 31.2099,
23.0704

 77.8200, 26.7107,
19.4519

 87.2450, 22.0642,
16.4481

■ 96.3710, 17.5651,
12.8296

■ 105.7960, 12.9186,
9.8259

■ 115.5090, 8.1301,
5.6926

■ 124.9340, 3.4835,
2.6889

Harmonies

Analogous

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



48.9920, 55.7129, -42.9660



40.1310, 45.2914, 33.2111



47.7340, 17.3861, 70.3933

Triad

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



40.1310, 45.2914, 33.2111



48.3190, -23.8213, 33.9232



49.8680, 13.3761, -43.7342

Complementary

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



40.1310, 45.2914, 33.2111



94.8690, -45.2914, -33.2111

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.



41.9680, -11.8162, -36.8059



40.1310, 45.2914, 33.2111



45.1200, -22.2442, -5.3672

Square

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



40.1310, 45.2914, 33.2111



36.1790, -17.8362, 74.3880



38.1550, -18.8104, -33.4619



56.3830, 35.8002, -49.4479

Rectangle

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



40.1310, 45.2914, 33.2111



46.6200, 0.1873, 80.1403



38.1550, -18.8104, -33.4619



47.7020, 5.0769, -41.8347

Sweetspot

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



40.1310, 45.2914, 33.2111



135.3710, 17.5651, 12.8296



50.5780, 40.1410, -41.7259



64.9160, 10.8874, 7.9667



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



40.1310, 45.2914, 33.2111



49.0950, 60.0992, 43.7667



55.2510, 33.4003, 67.3089



61.8800, 2.0312, 1.8592



37.5440, 45.5808, 33.7259



0.6410, 1.1630, 0.3148

Inverse Universe

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



47.7270, 4.5716, 73.9074



59.3370, 6.2429, 97.9285



79.7490, -33.4003, -67.3089



62.0220, -0.0108, 3.4887



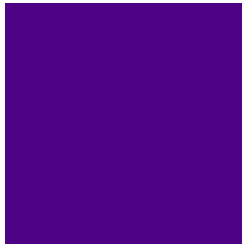
45.0260, 4.4242, 74.5222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 40.1310, 45.2914, 33.2111 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

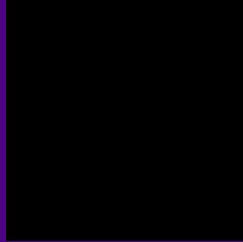
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.1310, 45.2914, 33.2111

Background



This preview shows how black text looks on a background with the YUV color 40.1310, 45.2914, 33.2111.



This preview shows how white text looks on a background with the YUV color 40.1310, 45.2914,

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

40.1310, 45.2914, 33.2111

Protanopia

43.6510, 32.7101, -38.2819

Deuteranopia

43.7020, 25.2899, -38.3267



Tritanopia

55.4460, 0.2731, 5.7479

Trichromacy



Original Color

40.1310, 45.2914, 33.2111

Protanomaly

42.3690, 37.2861, -12.6016

Deuteranomaly

42.4030, 32.3393, -12.6314

Tritanomaly

49.8660, 16.8281, 15.9035

Monochromacy



Original Color

40.1310, 45.2914, 33.2111

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.3170, 16.1127, 12.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1310, 45.2914, 33.2111 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, 3, 132)` looks like.

```
.text, #text, p{  
    color:rgb(78, 3, 132)  
}
```

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, 3, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 3, 132) }
```

Border

The CSS property to change the border of an element to YUV 40.1310, 45.2914, 33.2111 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, 3, 132) }
```


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

```
.border{ border-color:rgb(78, 3, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 3, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 3, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 3, 132);  
box-shadow:4px 4px 4px 4px rgb(78, 3, 132)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.1310, 45.2914, 33.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 3, 132) }
```

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

```
.background{ background-color: rgb(78, 3,  
132) }
```

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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