

Converting Colors

YUV(45.3330, 8.7098, 53.2050)

Have a look what the booklet for
YUV(45.3330, 8.7098, 53.2050)
contains.

YUV(45.3330, 8.7098, 53.2050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(45.3330, 8.7098,
53.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	6A0B3F
RGB	106, 11, 63
RGB Percent	42%, 4%, 25%
CMY	0.5843, 0.9569, 0.7529
CMYK	0.00, 0.90, 0.41, 0.58
HSL	327°, 81%, 23%
HSV	327°, 90%, 42%
XYZ	6.9607, 3.6624, 5.0427
YIQ	45.3330, 39.9280, 36.3120

Conversions

Conversions Part 2

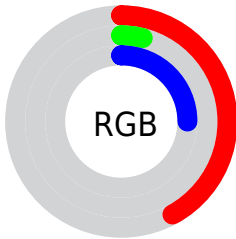
Format	Color
RYB	106, 11, 63
Decimal	6949695
CIELab	22.52, 43.15, -5.41
CIELCh	23, 43.483, 352.859
Yxy	3.6624, 0.4443, 0.2338
Android (android.graphics.Color)	4285139775 (0xFF6A0B3F)
YUV	45.3330, 8.7098, 53.2050
Hunter-Lab	19.1374, 31.4344, -2.2266

Details

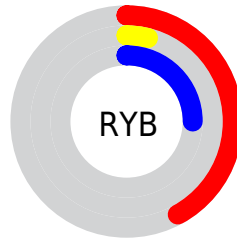
The YUV color **45.3330, 8.7098, 53.2050** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **71.6670, -8.7098, -53.2050**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7090, 5.0735, 52.8752**, and **18.8390, 1.0654, 31.7132** is the 20% darker color. If you saturate the color by 10%, you get **38.3060, 9.7091, 59.3676**, and if you desaturate by 10%, it is **52.3600, 7.7105, 47.0423**.

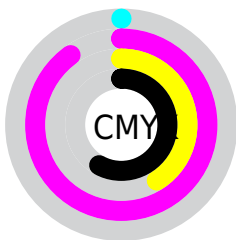
Distribution



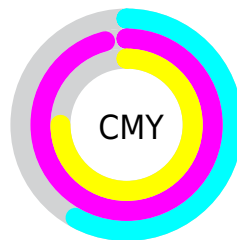
- Red (42%)
- Green (4%)
- Blue (25%)



- Red (42%)
- Yellow (4%)
- Blue (25%)



- Cyan (0%)
- Magenta (90%)
- Yellow (41%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.3330, 8.7098, 53.2050 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 45.3330, 8.7098, 53.2050 by changing the saturation by 10% instead.

45.3330, 8.7098,
53.2050

45.3330, 8.7098,
53.2050

255.0000, 0.0000,
0.0000

28.2950, 6.2636,
44.4683

100.7090, 5.0735,
52.8752

18.8390, 1.0654,
31.7132

127.1930, 4.3419,
54.2047

6.8770, -3.3904,
14.1399

154.0900, 3.8996,
56.0491


0.0000, 0.0000,
0.0000

181.9870, 3.4574,
57.8934


203.1210, 6.8423,
45.4979

222.7490, 10.9697,

28.2841

 240.9120, 6.9454,
12.3552


 45.3330, 8.7098,
53.2050


 45.3330, 8.7098,
53.2050


 38.3060, 9.7091,
59.3676

 52.3600, 7.7105,
47.0423

 58.8000, 7.0006,
41.3944

 65.7130, 5.5645,
35.3317

 72.1530, 4.8546,
29.6838

 79.1800, 3.8553,
23.5211

■ 86.2070, 2.8559,
17.3585

■ 92.6470, 2.1460,
11.7106

■ 99.5600, 0.7099,
5.6479

■ 106.0000, 0.0000,
0.0000

Harmonies

Analogous

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



53.9150, 19.2689, 26.3845



45.3330, 8.7098, 53.2050



44.6310, -6.7201, 55.5746

Triad

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



45.3330, 8.7098, 53.2050



47.7890, -23.5600, -3.3230



50.7120, 26.7640, -44.4744

Complementary

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



45.3330, 8.7098, 53.2050



71.6670, -8.7098, -53.2050

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.



48.8080, 14.3917, -42.8046



45.3330, 8.7098, 53.2050



39.1810, -14.8792, -34.3617

Square

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



45.3330, 8.7098, 53.2050



51.4760, -25.3777, 19.7535



44.4590, 0.2667, -38.9905



48.7860, 34.6155, -42.7853

Rectangle

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



45.3330, 8.7098, 53.2050



47.9600, -19.2073, 47.3931



44.4590, 0.2667, -38.9905



50.3870, 22.9802, -44.1894

Sweetspot

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



45.3330, 8.7098, 53.2050



114.3430, 3.2819, 20.7472



34.6870, 35.1573, 16.9375



54.9460, 1.9986, 12.3254



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



45.3330, 8.7098, 53.2050



49.8120, 12.4177, 77.3409



39.9750, -11.8197, 57.9039



50.1360, 0.4260, 3.3887



42.2790, 10.7085, 65.5303



88.5310, 22.4162, 137.2233

Inverse Universe

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



45.3330, 8.7098, 53.2050



49.8120, 12.4177, 77.3409



77.0250, 11.8197, -57.9039



50.1360, 0.4260, 3.3887



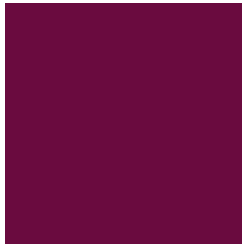
42.2790, 10.7085, 65.5303



88.5310, 22.4162, 137.2233

Previews

White Background



This preview shows how the YUV color 45.3330, 8.7098, 53.2050 looks on a white background.

Color Contrast Check

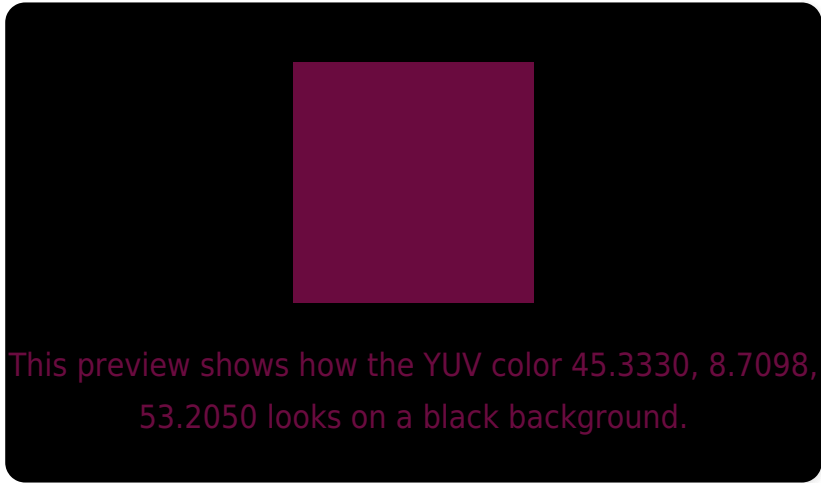
Large Text (above 18pt) WCAG AA ✓ Pass

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

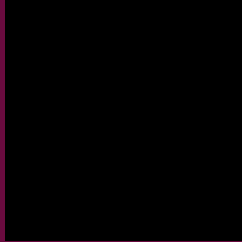
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.3330, 8.7098, 53.2050

Background



This preview shows how black text looks on a background with the YUV color 45.3330, 8.7098, 53.2050.



This preview shows how white text looks on a background with the YUV color 45.3330, 8.7098,

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

45.3330, 8.7098, 53.2050

Protanopia

55.5870, 16.4726, -10.1618

Deuteranopia

57.2500, 0.8628, 3.2887



Tritanopia

49.4360, -11.0609, 47.8526

Trichromacy



Original Color

45.3330, 8.7098, 53.2050

Protanomaly

52.0460, 13.7813, 13.1147

Deuteranomaly

52.7560, 3.5713, 21.2620

Tritanomaly

48.2820, -4.0830, 49.7417

Monochromacy



Original Color

45.3330, 8.7098, 53.2050

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.3320, 3.2873, 19.0028

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3330, 8.7098, 53.2050 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(106, 11, 63)` looks like.

```
.text, #text, p{  
    color:rgb(106, 11, 63)  
}
```

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(106, 11, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 11, 63) }
```

Border

The CSS property to change the border of an element to YUV 45.3330, 8.7098, 53.2050 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(106, 11, 63) }
```


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

```
.border{ border-color:rgb(106, 11, 63) }
```

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

Here you see how a box with a 4 pixel rgb(106, 11, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 11, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 11, 63);  
box-shadow:4px 4px 4px 4px rgb(106, 11,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 45.3330, 8.7098, 53.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 11, 63) }
```

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

```
.background{ background-color: rgb(106, 11,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor