

Converting Colors

YUV(45.2330, 6.7871, 16.4587)

Have a look what the booklet for
YUV(45.2330, 6.7871, 16.4587)
contains.

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Color

**YUV(45.2330, 6.7871,
16.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	40213B
RGB	64, 33, 59
RGB Percent	25%, 13%, 23%
CMY	0.7490, 0.8706, 0.7686
CMYK	0.00, 0.48, 0.08, 0.75
HSL	310°, 32%, 19%
HSV	310°, 48%, 25%
XYZ	3.4476, 2.4935, 4.4373
YIQ	45.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

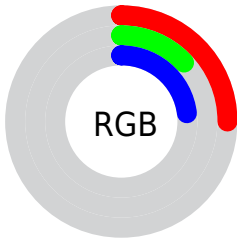
Format	Color
RYB	64, 33, 59
Decimal	4202811
CIELab	17.89, 19.44, -10.40
CIELCh	18, 22.044, 331.862
Yxy	2.4935, 0.3322, 0.2403
Android (android.graphics.Color)	4282392891 (0xFF40213B)
YUV	45.2330, 6.7871, 16.4587
Hunter-Lab	15.7907, 11.3386, -5.6072

Details

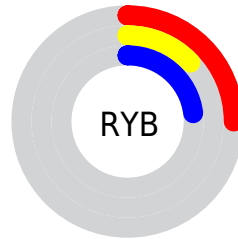
The YUV color **45.2330, 6.7871, 16.4587** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **51.7670, -6.7871, -16.4587**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.6570, 7.0711, 18.7178**, and **7.2060, 4.3354, 9.4663** is the 20% darker color. If you saturate the color by 10%, you get **41.5970, 8.0867, 19.6474**, and if you desaturate by 10%, it is **48.8690, 5.4876, 13.2699**.

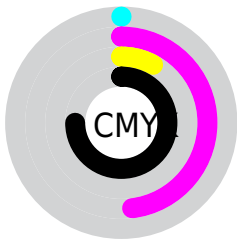
Distribution



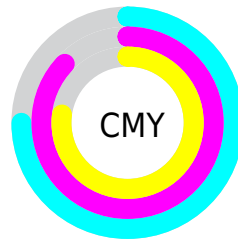
- Red (25%)
- Green (13%)
- Blue (23%)



- Red (25%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (48%)
- Yellow (8%)
- Black (75%)



- Cyan (75%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.2330, 6.7871, 16.4587 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 45.2330, 6.7871, 16.4587 by changing the saturation by 10% instead.

■ 45.2330, 6.7871,
16.4587

■ 45.2330, 6.7871,
16.4587

■ 255.0000, 0.0000,
0.0000

■ 23.5210, 6.6451,
15.3291

■ 91.6570, 7.0711,
18.7178

■ 7.2060, 4.3354,
9.4663

■ 116.6570, 7.0711,
18.7178

■ 0.0000, 0.0000,
0.0000

■ 142.4830, 7.6499,
19.7474

■ 168.8960, 7.9393,
20.2622

■ 196.1950, 7.7919,
20.8770

■ 224.6080, 8.0813,

21.3918

244.4340, 5.2090,
9.2664

45.2330, 6.7871,
16.4587

45.2330, 6.7871,
16.4587

41.5970, 8.0867,
19.6474

48.8690, 5.4876,
13.2699

37.3740, 9.6756,
23.3510

53.0920, 3.8986,
9.5663

33.7380, 10.9752,
26.5398

56.7280, 2.5991,
6.3775

29.5150, 12.5641,
30.2433

60.9510, 1.0102,
2.6740

25.8790, 13.8637,
33.4321

64.5870, -0.2894,
-0.5148

■ 25.2920, 14.1530,
33.9469

■ 68.2230, -1.5889,
-3.7036

■ 72.4460, -3.1779,
-7.4071

■ 76.0820, -4.4774,
-10.5959

■ 80.3050, -6.0664,
-14.2995

Harmonies

Analogous

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



44.7410, 12.9457, 1.1041



45.2330, 6.7871, 16.4587



44.0400, -0.5127, 24.5209

Triad

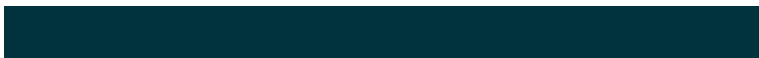
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.2330, 6.7871, 16.4587



41.8150, -16.1778, 8.9322



36.7770, 11.4489, -32.2534

Complementary

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



45.2330, 6.7871, 16.4587



51.7670, -6.7871, -16.4587

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.



35.5400, 4.1708, -31.1686



45.2330, 6.7871, 16.4587



40.6500, -12.6454, -4.0780

Square

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



45.2330, 6.7871, 16.4587



42.8640, -13.7370, 19.4133



36.4290, -4.1555, -20.5472



36.8570, 16.8325, -32.3236

Rectangle

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



45.2330, 6.7871, 16.4587



43.7860, -5.3175, 25.6207



36.4290, -4.1555, -20.5472



36.7940, 8.9756, -32.2683

Sweetspot

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



45.2330, 6.7871, 16.4587



76.7280, 2.5991, 6.3775



38.0290, 12.8037, -0.0254



38.7770, 1.5889, 3.7036



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



45.2330, 6.7871, 16.4587



54.3250, 10.6858, 26.0250



43.5230, 0.2352, 17.9583



31.2390, 0.8682, 1.5444



38.2370, 21.0822, 51.5352



88.4080, 49.0989, 118.9142

Inverse Universe

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



45.2330, 6.7871, 16.4587



54.3250, 10.6858, 26.0250



53.4770, -0.2352, -17.9583



31.2390, 0.8682, 1.5444



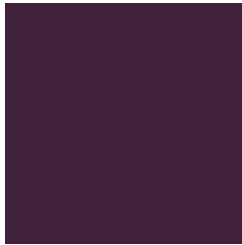
38.2370, 21.0822, 51.5352



88.4080, 49.0989, 118.9142

Previews

White Background



This preview shows how the YUV color 45.2330, 6.7871, 16.4587 looks on a white background.

Color Contrast Check

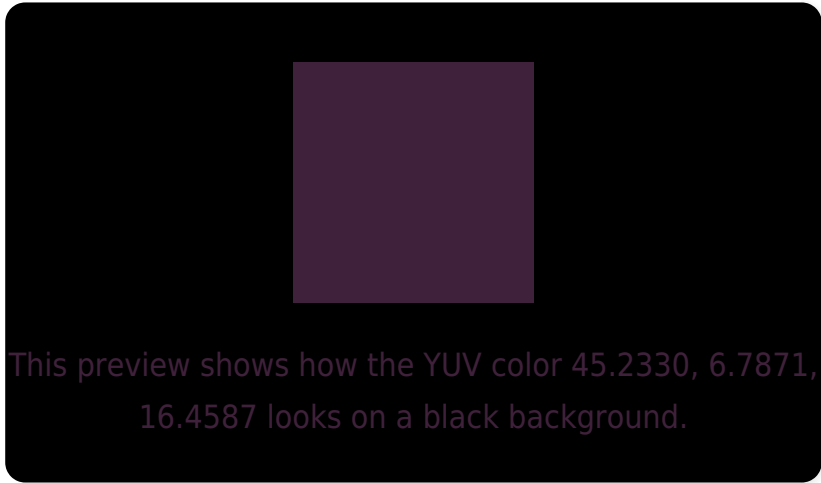
Large Text (above 18pt) WCAG AA ✓ Pass

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

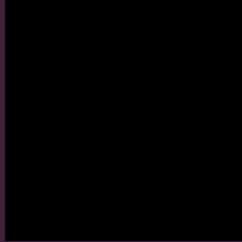
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.2330, 6.7871, 16.4587

Background



This preview shows how black text looks on a background with the YUV color 45.2330, 6.7871, 16.4587.



This preview shows how white text looks on a background with the YUV color 45.2330, 6.7871,

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

45.2330, 6.7871, 16.4587

Protanopia

44.2300, 11.2256, -7.2177

Deuteranopia

44.8840, 5.9732, -2.5293



Tritanopia

44.8170, -2.3748, 15.0695

Trichromacy



Original Color

45.2330, 6.7871, 16.4587

Protanomaly

44.5300, 9.5987, 1.2892

Deuteranomaly

45.0420, 6.3883, 4.3482

Tritanomaly

45.3270, 0.8248, 15.4992

Monochromacy



Original Color

45.2330, 6.7871, 16.4587

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.3150, 2.3097, 5.8627

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.2330, 6.7871, 16.4587 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(64, 33, 59)` looks like.

```
.text, #text, p{  
    color:rgb(64, 33, 59)  
}
```

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(64, 33, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 33, 59) }
```

Border

The CSS property to change the border of an element to YUV 45.2330, 6.7871, 16.4587 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(64, 33, 59) }
```


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

```
.border{ border-color:rgb(64, 33, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 33, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 33, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 33, 59);  
box-shadow:4px 4px 4px 4px rgb(64, 33, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.2330, 6.7871, 16.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 33, 59) }
```

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

```
.background{ background-color: rgb(64, 33,  
59) }
```

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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