

Converting Colors

YUV(65.5230, 7.1372, 44.2683)

Have a look what the booklet for
YUV(65.5230, 7.1372, 44.2683)
contains.

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Color

**YUV(65.5230, 7.1372,
44.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	742550
RGB	116, 37, 80
RGB Percent	45%, 15%, 31%
CMY	0.5451, 0.8549, 0.6863
CMYK	0.00, 0.68, 0.31, 0.55
HSL	327°, 52%, 30%
HSV	327°, 68%, 45%
XYZ	9.3120, 5.6153, 8.1825
YIQ	65.5230, 33.2810, 30.1210

Conversions

Conversions Part 2

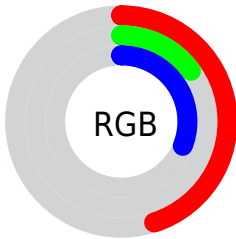
Format	Color
R_{YB}	116, 37, 80
Decimal	7611728
CIE _{Lab}	28.42, 39.03, -7.81
CIE _{LCh}	28, 39.807, 348.682
Yxy	5.6153, 0.4029, 0.2430
Android (android.graphics.Color)	4285801808 (0xFF742550)
YUV	65.5230, 7.1372, 44.2683
Hunter-Lab	23.6967, 28.6753, -3.8852

Details

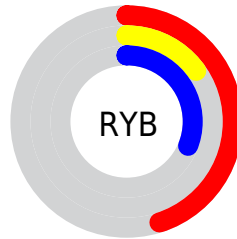
The YUV color **65.5230, 7.1372, 44.2683** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **87.4770, -7.1372, -44.2683**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4910, 5.6739, 46.9274**, and **23.2400, 6.2907, 35.7465** is the 20% darker color. If you saturate the color by 10%, you get **57.9090, 8.4259, 50.9458**, and if you desaturate by 10%, it is **73.1370, 5.8485, 37.5909**.

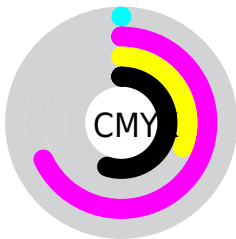
Distribution



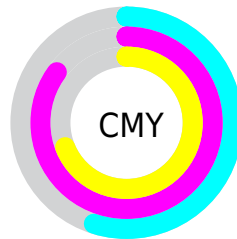
- Red (45%)
- Green (15%)
- Blue (31%)



- Red (45%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (68%)
- Yellow (31%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5230, 7.1372, 44.2683 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 65.5230, 7.1372, 44.2683 by changing the saturation by 10% instead.

65.5230, 7.1372,
44.2683

65.5230, 7.1372,
44.2683

255.0000, 0.0000,
0.0000

37.5170, 9.6051,
46.0276

117.4910, 5.6739,
46.9274

23.2400, 6.2907,
35.7465

143.5020, 5.6685,
48.6717

14.3390, -0.6601,
25.1357

171.1000, 5.3737,
49.9013

0.0000, 0.0000,
0.0000

198.2140, 5.8105,
49.8013

217.8420, 9.9379,
32.5876

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

65.5230, 7.1372,
44.2683

65.5230, 7.1372,
44.2683

57.9090, 8.4259,
50.9458

73.1370, 5.8485,
37.5909

50.7680, 8.9884,
57.2085

80.2780, 5.2859,
31.3282

43.1540, 10.2771,
63.8859

87.8920, 3.9972,
24.6507

41.8660, 10.4191,
65.0155

94.9190, 2.9979,
18.4880

102.5330, 1.7092,
11.8106

■ 110.2610, 0.8573,
5.0331

■ 117.2880, -0.1420,
-1.1296

■ 124.9020, -1.4307,
-7.8071

■ 132.0430, -1.9932,
-14.0697

Harmonies

Analogous

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



69.1700, 19.1432, 20.0219



65.5230, 7.1372, 44.2683



63.4840, -7.1406, 50.4415

Triad

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



65.5230, 7.1372, 44.2683



60.5140, -29.8334, 2.1802



59.2550, 26.4963, -51.9666

Complementary

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



65.5230, 7.1372, 44.2683



87.4770, -7.1372, -44.2683

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.



57.3510, 14.1240, -50.2968



65.5230, 7.1372, 44.2683



54.9970, -15.7745, -27.1844

Square

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



65.5230, 7.1372, 44.2683



63.0160, -31.0669, 24.5420



53.1160, 0.4358, -46.5827



57.9160, 34.0584, -50.7923

Rectangle

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



65.5230, 7.1372, 44.2683



63.9320, -16.7285, 45.6636



53.1160, 0.4358, -46.5827



58.9300, 22.7125, -51.6816

Sweetspot

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



65.5230, 7.1372, 44.2683



130.9080, 3.0034, 16.7437



56.7700, 29.2004, 14.2337



64.8210, 1.5672, 10.6810



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



65.5230, 7.1372, 44.2683



71.4150, 11.1344, 68.9190



61.0770, -9.8980, 48.1675



55.1360, 0.4260, 3.3887



44.1160, 11.2818, 68.3043



90.2540, 22.5528, 140.0972

Inverse Universe

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



65.5230, 7.1372, 44.2683



71.4150, 11.1344, 68.9190



91.9230, 9.8980, -48.1675



55.1360, 0.4260, 3.3887



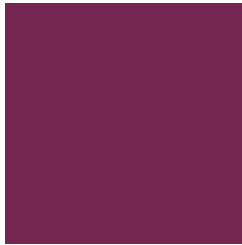
44.1160, 11.2818, 68.3043



90.2540, 22.5528, 140.0972

Previews

White Background



This preview shows how the YUV color 65.5230, 7.1372, 44.2683 looks on a white background.

Color Contrast Check

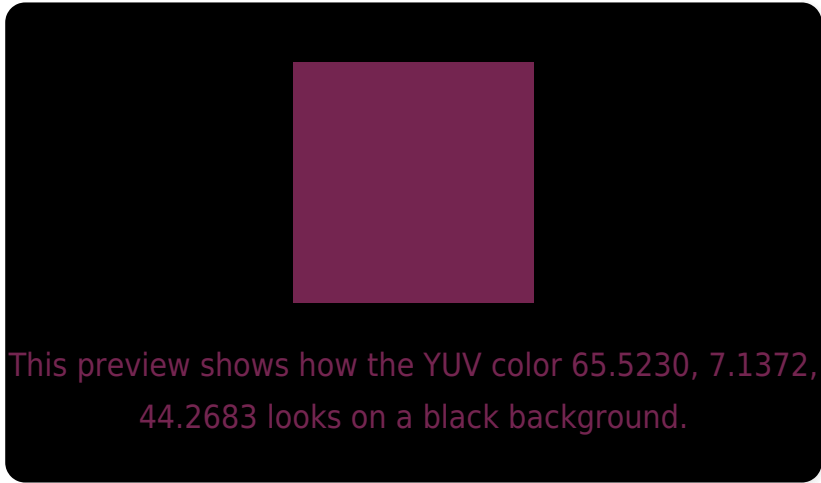
Large Text (above 18pt) WCAG AA ✓ Pass

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

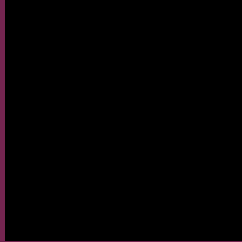
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5230, 7.1372, 44.2683

Background



This preview shows how black text looks on a background with the YUV color 65.5230, 7.1372, 44.2683.



This preview shows how white text looks on a background with the YUV color 65.5230, 7.1372,

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

65.5230, 7.1372, 44.2683

Protanopia

67.8860, 16.3252, -9.5470

Deuteranopia

68.6350, 3.6309, 2.0741



Tritanopia

65.9730, -8.8607, 42.1197

Trichromacy



Original Color

65.5230, 7.1372, 44.2683

Protanomaly

66.7960, 12.9186, 9.8259

Deuteranomaly

67.0760, 4.8925, 17.4733

Tritanomaly

65.8790, -2.8983, 43.0791

Monochromacy



Original Color

65.5230, 7.1372, 44.2683

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.4950, 2.7140, 16.2289

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5230, 7.1372, 44.2683 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(116, 37, 80)` looks like.

```
.text, #text, p{  
    color:rgb(116, 37, 80)  
}
```

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(116, 37, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 37, 80) }
```

Border

The CSS property to change the border of an element to YUV 65.5230, 7.1372, 44.2683 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(116, 37, 80) }
```


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

```
.border{ border-color:rgb(116, 37, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 37, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 37, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 37, 80);  
box-shadow:4px 4px 4px 4px rgb(116, 37,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 65.5230, 7.1372, 44.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 37, 80) }
```

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

```
.background{ background-color: rgb(116, 37,  
80) }
```

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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