

Converting Colors

YUV(63.7600, -2.3467, 52.8305)

Have a look what the booklet for
YUV(63.7600, -2.3467, 52.8305)
contains.

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Color

**YUV(63.7600, -2.3467,
52.8305)**

Conversions

Conversions Part 1

Format	Color
Hex	7C223B
RGB	124, 34, 59
RGB Percent	49%, 13%, 23%
CMY	0.5137, 0.8667, 0.7686
CMYK	0.00, 0.73, 0.52, 0.51
HSL	343°, 57%, 31%
HSV	343°, 73%, 49%
XYZ	9.6736, 5.7449, 4.7367
YIQ	63.7600, 45.6150, 26.8550

Conversions

Conversions Part 2

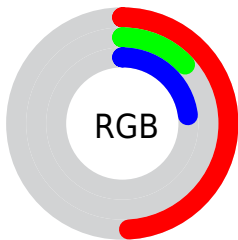
Format	Color
R_{YB}	124, 34, 59
Decimal	8135227
CIE Lab	28.76, 40.52, 6.83
CIE LCh	29, 41.089, 9.571
Yxy	5.7449, 0.4800, 0.2850
Android (android.graphics.Color)	4286325307 (0xFF7C223B)
YUV	63.7600, -2.3467, 52.8305
Hunter-Lab	23.9685, 30.0971, 5.0610

Details

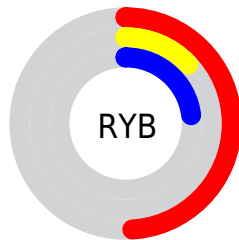
The YUV color **63.7600, -2.3467, 52.8305** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **94.2400, 2.3467, -52.8305**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3860, -5.1203, 55.7895**, and **22.8680, -2.8929, 41.3348** is the 20% darker color. If you saturate the color by 10%, you get **55.6900, -2.8052, 59.9079**, and if you desaturate by 10%, it is **71.8300, -1.8882, 45.7531**.

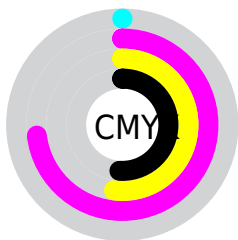
Distribution



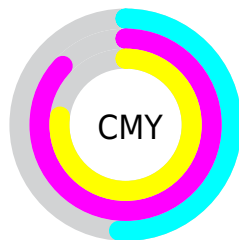
- Red (49%)
- Green (13%)
- Blue (23%)



- Red (49%)
- Yellow (13%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (52%)
- Black (51%)



- Cyan (51%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7600, -2.3467, 52.8305 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 63.7600, -2.3467, 52.8305 by changing the saturation by 10% instead.

■ 63.7600, -2.3467,
52.8305

■ 63.7600, -2.3467,
52.8305

■ 255.0000, 0.0000,
0.0000

■ 34.5090, 1.7211,
54.8046

■ 116.3860, -5.1203,
55.7895

■ 22.8680, -2.8929,
41.3348

■ 143.4680, -6.1467,
58.3486

■ 13.9820, -5.9071,
28.0798

■ 170.3650, -6.5889,
60.1929

■ 0.0000, 0.0000,
0.0000

■ 194.0760, -4.9675,
53.4303

■ 213.7040, -0.8401,
36.2166

■ 233.3320, 3.2873,

19.0028

252.0650, 1.4470,
2.5740

63.7600, -2.3467,
52.8305

63.7600, -2.3467,
52.8305

55.6900, -2.8052,
59.9079

71.8300, -1.8882,
45.7531

47.0330, -2.9743,
67.5001

80.4870, -1.7191,
38.1609

40.9520, -3.4273,
72.8331

88.5570, -1.2606,
31.0835

97.2140, -1.0915,
23.4913

105.2840, -0.6330,
16.4139

■ 113.3540, -0.1745,
9.3365

■ 122.0110, -0.0054,
1.7444

■ 130.0810, 0.4531,
-5.3330

■ 138.7380, 0.6222,
-12.9252

Harmonies

Analogous

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



67.6410, 11.5160, 39.7798



63.7600, -2.3467, 52.8305



64.4160, -17.4601, 46.9932

Triad

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



63.7600, -2.3467, 52.8305



57.9290, -22.6430, -17.4777



59.6770, 33.1902, -52.3367

Complementary

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



63.7600, -2.3467, 52.8305



94.2400, 2.3467, -52.8305

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.



59.8590, 23.7335, -52.4963



63.7600, -2.3467, 52.8305



52.5630, -4.2216, -46.0978

Square

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



63.7600, -2.3467, 52.8305



62.9170, -31.0181, 8.8428



56.9120, 9.9034, -49.9118



54.8500, 37.5419, -48.1034

Rectangle

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



63.7600, -2.3467, 52.8305



64.1300, -27.1791, 37.5970



56.9120, 9.9034, -49.9118



60.2810, 30.4275, -52.8664

Sweetspot

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



63.7600, -2.3467, 52.8305



136.9040, -0.9387, 21.1322



63.6950, 29.7304, 30.9625



67.2620, -0.6222, 12.9252



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



63.7600, -2.3467, 52.8305



67.3060, -3.6019, 82.1696



72.0630, -18.7651, 45.5487



57.0220, -0.0108, 3.4887



41.3650, -3.1379, 73.3479



83.3280, -6.5707, 147.9253

Inverse Universe

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



63.7600, -2.3467, 52.8305



67.3060, -3.6019, 82.1696



85.3500, 19.0545, -45.0339



57.0220, -0.0108, 3.4887



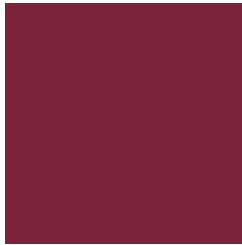
41.3650, -3.1379, 73.3479



83.3280, -6.5707, 147.9253

Previews

White Background



This preview shows how the YUV color 63.7600, -2.3467, 52.8305 looks on a white background.

Color Contrast Check

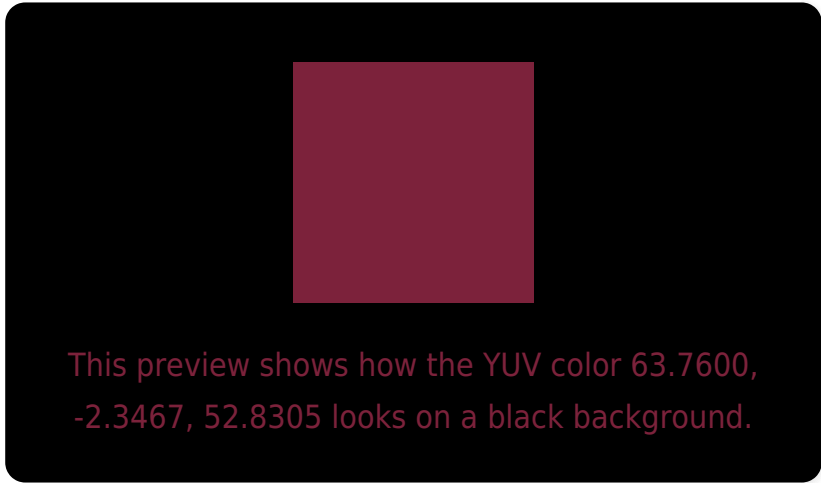
Large Text (above 18pt) WCAG AA ✓ Pass

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

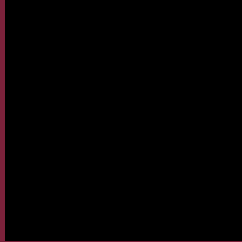
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7600, -2.3467, 52.8305

Background



This preview shows how black text looks on a background with the YUV color 63.7600, -2.3467, 52.8305.



This preview shows how white text looks on a background with the YUV color 63.7600, -2.3467,

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

63.7600, -2.3467, 52.8305

Protanopia

69.6130, 3.6418, -1.4146

Deuteranopia

69.2310, -7.0159, 10.3214



Tritanopia

63.6430, -11.6560, 52.0561

Trichromacy



Original Color

63.7600, -2.3467, 52.8305

Protanomaly

67.1640, 1.3981, 18.2732

Deuteranomaly

67.0850, -5.4649, 26.2355

Tritanomaly

63.8540, -8.3090, 51.8710

Monochromacy



Original Color

63.7600, -2.3467, 52.8305

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8930, -0.9332, 19.3878

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7600, -2.3467, 52.8305 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(124, 34, 59)` looks like.

```
.text, #text, p{  
    color:rgb(124, 34, 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(124, 34, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 34, 59) }
```

Border

The CSS property to change the border of an element to YUV 63.7600, -2.3467, 52.8305 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(124, 34, 59) }
```


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

```
.border{ border-color:rgb(124, 34, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 34, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 34, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 34, 59);  
box-shadow:4px 4px 4px 4px rgb(124, 34,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 63.7600, -2.3467, 52.8305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 34, 59) }
```

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

```
.background{ background-color: rgb(124, 34,  
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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