

Converting Colors

YUV(78.3630, -3.6300, 44.4086)

Have a look what the booklet for
YUV(78.3630, -3.6300, 44.4086)
contains.

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Color

**YUV(78.3630, -3.6300,
44.4086)**

Conversions

Conversions Part 1

Format	Color
Hex	813647
RGB	129, 54, 71
RGB Percent	51%, 21%, 28%
CMY	0.4941, 0.7882, 0.7216
CMYK	0.00, 0.58, 0.45, 0.49
HSL	346°, 41%, 36%
HSV	346°, 58%, 51%
XYZ	11.5098, 7.7604, 6.8525
YIQ	78.3630, 39.2430, 21.1870

Conversions

Conversions Part 2

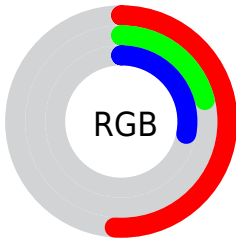
Format	Color
R_{YB}	129, 54, 71
Decimal	8468039
CIE _{Lab}	33.48, 34.10, 5.75
CIE _{LCh}	33, 34.581, 9.579
Yxy	7.7604, 0.4406, 0.2971
Android (android.graphics.Color)	4286658119 (0xFF813647)
YUV	78.3630, -3.6300, 44.4086
Hunter-Lab	27.8575, 24.9995, 4.9158

Details

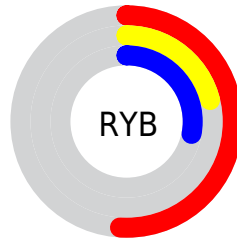
The YUV color **78.3630, -3.6300, 44.4086** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **104.6370, 3.6300, -44.4086**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9290, -5.3880, 48.2973**, and **27.0900, 0.4486, 42.8941** is the 20% darker color. If you saturate the color by 10%, you get **69.5920, -4.2359, 52.1008**, and if you desaturate by 10%, it is **87.1340, -3.0241, 36.7165**.

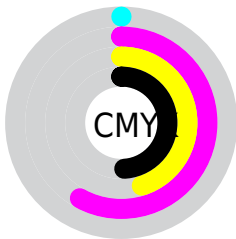
Distribution



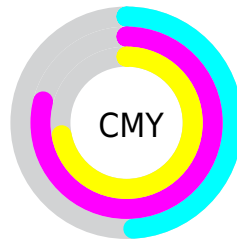
- Red (51%)
- Green (21%)
- Blue (28%)



- Red (51%)
- Yellow (21%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (49%)



- Cyan (49%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3630, -3.6300, 44.4086 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 78.3630, -3.6300, 44.4086 by changing the saturation by 10% instead.

78.3630, -3.6300,
44.4086

78.3630, -3.6300,
44.4086

255.0000, 0.0000,
0.0000

53.1070, -2.0248,
42.8792

129.9290, -5.3880,
48.2973

27.0900, 0.4486,
42.8941

156.8260, -5.8302,
50.1416

15.5480, -7.6652,
31.9684

183.7230, -6.2724,
51.9859

4.4850, -2.2111,
9.2217

206.9390, -3.9139,
42.1495

0.0000, 0.0000,
0.0000

226.5670, 0.2135,
24.9357

246.1950, 4.3409,

7.7220

■ 78.3630, -3.6300,
44.4086

■ 78.3630, -3.6300,
44.4086

■ 69.5920, -4.2359,
52.1008

■ 87.1340, -3.0241,
36.7165

■ 60.8210, -4.8418,
59.7930

■ 95.9050, -2.4182,
29.0243

■ 52.0500, -5.4476,
67.4852

■ 104.6760, -1.8123,
21.3321

■ 43.2790, -6.0535,
75.1773

■ 113.4470, -1.2064,
13.6400

■ 41.8770, -6.3484,
76.4069

■ 122.2180, -0.6005,
5.9478

■ 130.4020, 0.2948,
-1.2296

■ 139.1730, 0.9007,
-8.9217

■ 147.9440, 1.5066,
-16.6139

■ 156.7150, 2.1125,
-24.3061

Harmonies

Analogous

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



80.2120, 8.7695, 34.0171



78.3630, -3.6300, 44.4086



77.7250, -16.1334, 41.4602

Triad

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



78.3630, -3.6300, 44.4086



71.6890, -18.5807, -13.7593



65.8890, 31.6067, -57.7847

Complementary

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



78.3630, -3.6300, 44.4086



104.6370, 3.6300, -44.4086

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.



66.2990, 23.0236, -58.1442



78.3630, -3.6300, 44.4086



60.1430, -0.5635, -52.7454

Square

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



78.3630, -3.6300, 44.4086



74.7690, -26.5081, 8.9726



63.9220, 11.3775, -56.0596



74.3920, 28.8937, -27.5308

Rectangle

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



78.3630, -3.6300, 44.4086



77.2480, -22.8003, 33.1085



63.9220, 11.3775, -56.0596



66.6070, 29.2807, -58.4143

Sweetspot

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



78.3630, -3.6300, 44.4086



149.0560, -1.5066, 16.6139



79.5930, 24.3577, 27.5439



72.5390, -0.7587, 10.0513



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



78.3630, -3.6300, 44.4086



88.3600, -5.6005, 69.8443



88.1650, -16.8433, 35.8123



59.3210, -0.1583, 4.1035



41.5780, -6.2010, 75.7921



0.0000, 0.0000, 0.0000

Inverse Universe

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



78.3630, -3.6300, 44.4086



88.3600, -5.6005, 69.8443



94.8350, 16.8433, -35.8123



59.3210, -0.1583, 4.1035



41.5780, -6.2010, 75.7921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 78.3630, -3.6300, 44.4086 looks on a white background.

Color Contrast Check

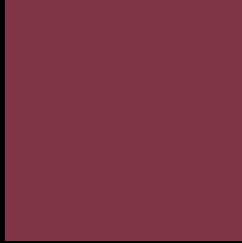
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 78.3630, -3.6300, 44.4086 looks on a 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 78.3630, -3.6300, 44.4086

Background



This preview shows how black text looks on a background with the YUV color 78.3630, -3.6300, 44.4086.



This preview shows how white text looks on a background with the YUV color 78.3630, -3.6300,

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

78.3630, -3.6300, 44.4086

Protanopia

79.6840, 2.6208, -0.5999

Deuteranopia

80.0460, -6.4317, 9.6067



Tritanopia

77.9840, -8.8661, 43.8640

Trichromacy



Original Color

78.3630, -3.6300, 44.4086

Protanomaly

79.2130, 0.3880, 15.5992

Deuteranomaly

79.6500, -5.7434, 22.2320

Tritanomaly

77.8530, -6.8295, 43.9789

Monochromacy



Original Color

78.3630, -3.6300, 44.4086

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0560, -1.5066, 16.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3630, -3.6300, 44.4086 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(129, 54, 71)` looks like.

```
.text, #text, p{  
    color:rgb(129, 54, 71)  
}
```

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(129, 54, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 54, 71) }
```

Border

The CSS property to change the border of an element to YUV 78.3630, -3.6300, 44.4086 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(129, 54, 71) }
```


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

```
.border{ border-color:rgb(129, 54, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 54, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 54, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 54, 71);  
box-shadow:4px 4px 4px 4px rgb(129, 54,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 78.3630, -3.6300, 44.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 54, 71) }
```

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

```
.background{ background-color: rgb(129, 54,  
71) }
```

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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