

Converting Colors

YUV(44.0300, 1.4642, 43.8237)

Have a look what the booklet for
YUV(44.0300, 1.4642, 43.8237)
contains.

YUV(44.0300, 1.4642, 43.8237)	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(44.0300, 1.4642,
43.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	5E122F
RGB	94, 18, 47
RGB Percent	37%, 7%, 18%
CMY	0.6314, 0.9294, 0.8157
CMYK	0.00, 0.81, 0.50, 0.63
HSL	337°, 68%, 22%
HSV	337°, 81%, 37%
XYZ	5.3455, 3.0175, 2.9900
YIQ	44.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

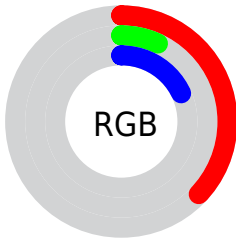
Format	Color
R_{YB}	94, 18, 47
Decimal	6165039
CIE Lab	20.11, 35.90, 1.93
CIE LCh	20, 35.954, 3.071
Yxy	3.0175, 0.4708, 0.2658
Android (android.graphics.Color)	4284355119 (0xFF5E122F)
YUV	44.0300, 1.4642, 43.8237
Hunter-Lab	17.3710, 24.5294, 1.9543




Details

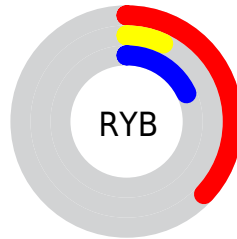
The YUV color **44.0300, 1.4642, 43.8237** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **67.9700, -1.4642, -43.8237**, and the grayscale version is **44.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **95.3570, -1.1620, 46.1679**, and **14.2810, -6.0545, 28.6946** is the 20% darker color. If you saturate the color by 10%, you get **38.0630, 1.4479, 49.0567**, and if you desaturate by 10%, it is **49.9970, 1.4805, 38.5906**.

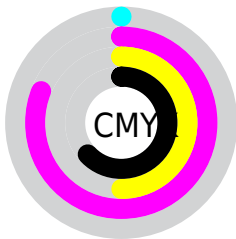
Distribution







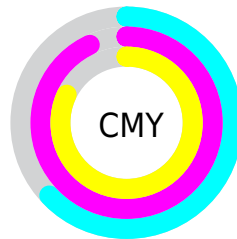
-  Red (37%)
-  Green (7%)
-  Blue (18%)






-  Red (37%)
-  Yellow (7%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (81%)
-  Yellow (50%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (93%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.0300, 1.4642, 43.8237 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 44.0300, 1.4642, 43.8237 by changing the saturation by 10% instead.

■ 44.0300, 1.4642,
43.8237

■ 44.0300, 1.4642,
43.8237

255.0000, 0.0000,
0.0000

■ 23.2960, 1.3331,
39.2054

■ 95.3570, -1.1620,
46.1679

■ 14.2810, -6.0545,
28.6946

■ 121.1400, -2.0410,
48.1122

■ 0.0000, 0.0000,
0.0000


■ 148.0370, -2.4832,
49.9566

■ 174.9340, -2.9255,
51.8009

■ 200.1400, -2.0410,
48.1122

■ 219.7680, 2.0864,


30.8985


 240.0970, 6.3612,
13.0699


 44.0300, 1.4642,
43.8237

 44.0300, 1.4642,
43.8237

 38.0630, 1.4479,
49.0567

 49.9970, 1.4805,
38.5906

 32.2100, 1.8685,
54.1898

 56.5510, 1.2074,
32.8428

 62.4040, 0.7868,
27.7097

 68.9580, 0.5137,
21.9618

 74.9250, 0.5300,
16.7288

■ 80.8920, 0.5462,
11.4957

■ 87.4460, 0.2731,
5.7479

■ 93.4130, 0.2894,
0.5148

■ 99.8530, -0.4205,
-5.1331

Harmonies

Analogous

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



48.1020, 12.2747, 29.7285



44.0300, 1.4642, 43.8237



44.5770, -11.6235, 41.5900

Triad

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



44.0300, 1.4642, 43.8237



41.8530, -20.6335, -8.6411



44.4030, 25.4373, -38.9414

Complementary

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



44.0300, 1.4642, 43.8237



67.9700, -1.4642, -43.8237

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.



43.9980, 16.2700, -38.5862



44.0300, 1.4642, 43.8237



37.2550, -7.0277, -32.6726

Square

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



44.0300, 1.4642, 43.8237



45.8170, -22.5878, 11.5615



41.0340, 4.9132, -35.9868



41.5650, 29.7945, -36.4525

Rectangle

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



44.0300, 1.4642, 43.8237



45.3020, -21.3479, 33.9381



41.0340, 4.9132, -35.9868



44.8930, 22.2378, -39.3712

Sweetspot

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



44.0300, 1.4642, 43.8237



102.9250, 0.5300, 16.7288



40.7170, 26.2685, 21.2962



49.1800, 0.4043, 10.3661



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



44.0300, 1.4642, 43.8237



44.4120, 2.2619, 68.0447



46.0070, -13.8075, 42.0899



42.7230, 0.1366, 2.8739



37.6780, 2.1307, 63.4264



81.1230, 4.3764, 136.7041

Inverse Universe

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



44.0300, 1.4642, 43.8237



44.4120, 2.2619, 68.0447



65.9930, 13.8075, -42.0899



42.7230, 0.1366, 2.8739



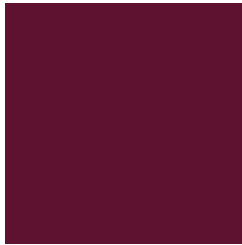
37.6780, 2.1307, 63.4264



81.1230, 4.3764, 136.7041

Previews

White Background



This preview shows how the YUV color 44.0300, 1.4642, 43.8237 looks on a white background.

Color Contrast Check

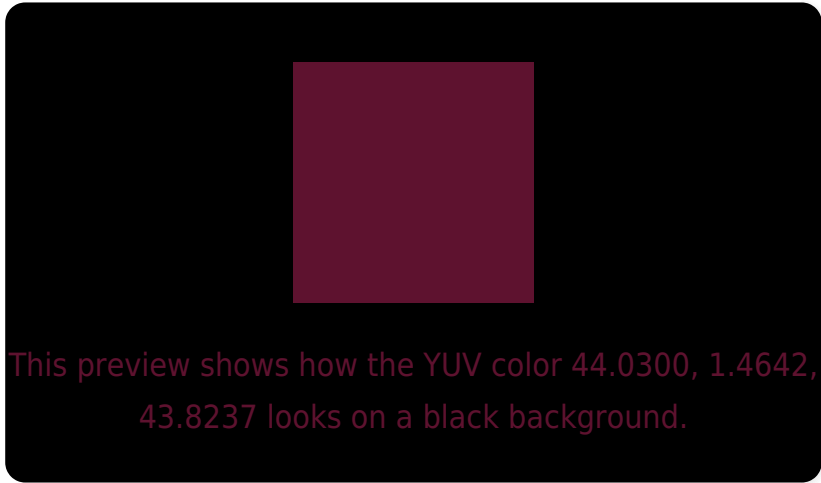
Large Text (above 18pt) WCAG AA ✓ Pass

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

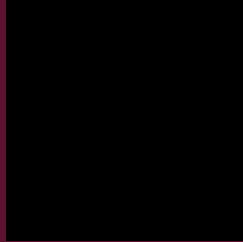
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.0300, 1.4642, 43.8237

Background



This preview shows how black text looks on a background with the YUV color 44.0300, 1.4642, 43.8237.



This preview shows how white text looks on a background with the YUV color 44.0300, 1.4642, 43.8237.

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

44.0300, 1.4642, 43.8237

Protanopia

50.6990, 6.5574, -3.2440

Deuteranopia

51.0070, -3.9475, 6.1329



Tritanopia

44.7450, -9.7343, 42.3196

Trichromacy



Original Color

44.0300, 1.4642, 43.8237

Protanomaly

48.0540, 4.9034, 13.9846

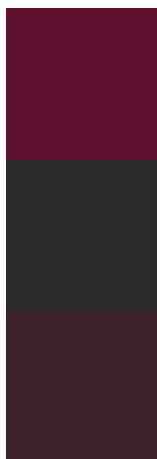
Deuteranomaly

48.5510, -2.2436, 19.6878

Tritanomaly

44.4830, -5.6611, 42.5494

Monochromacy



Original Color

44.0300, 1.4642, 43.8237

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.2130, 0.3880, 15.5992

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.0300, 1.4642, 43.8237 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(94, 18, 47)` looks like.

```
.text, #text, p{  
    color:rgb(94, 18, 47)  
}
```

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(94, 18, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 18, 47) }
```

Border

The CSS property to change the border of an element to YUV 44.0300, 1.4642, 43.8237 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(94, 18, 47) }
```


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

```
.border{ border-color:rgb(94, 18, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 18, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 18, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 18, 47);  
box-shadow:4px 4px 4px 4px rgb(94, 18, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.0300, 1.4642, 43.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 18, 47) }
```

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

```
.background{ background-color: rgb(94, 18,  
47) }
```

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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