

Converting Colors

YUV(63.0060, 4.4340, 24.5507)

Have a look what the booklet for
YUV(63.0060, 4.4340, 24.5507)
contains.

YUV(63.0060, 4.4340, 24.5507)	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(63.0060, 4.4340,
24.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2F48
RGB	91, 47, 72
RGB Percent	36%, 18%, 28%
CMY	0.6431, 0.8157, 0.7176
CMYK	0.00, 0.48, 0.21, 0.64
HSL	326°, 32%, 27%
HSV	326°, 48%, 36%
XYZ	6.5006, 4.7251, 6.7003
YIQ	63.0060, 18.1990, 17.1030

Conversions

Conversions Part 2

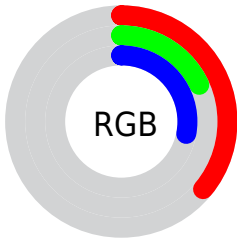
Format	Color
RYB	91, 47, 72
Decimal	5975880
CIELab	25.94, 23.71, -6.66
CIELCh	26, 24.631, 344.323
Yxy	4.7251, 0.3626, 0.2636
Android (android.graphics.Color)	4284165960 (0xFF5B2F48)
YUV	63.0060, 4.4340, 24.5507
Hunter-Lab	21.7372, 15.3411, -3.0596

Details

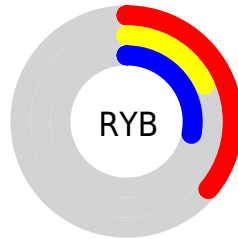
The YUV color **63.0060, 4.4340, 24.5507** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.9940, -4.4340, -24.5507**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3160, 4.2812, 26.9099**, and **17.6360, 5.6025, 23.1212** is the 20% darker color. If you saturate the color by 10%, you get **57.2670, 5.2914, 29.5838**, and if you desaturate by 10%, it is **68.7450, 3.5767, 19.5176**.

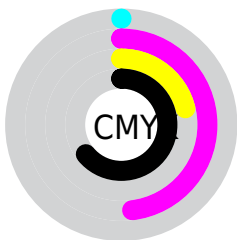
Distribution



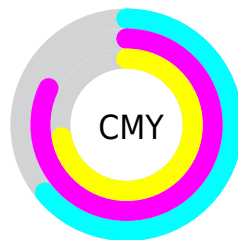
- Red (36%)
- Green (18%)
- Blue (28%)



- Red (36%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (48%)
- Yellow (21%)
- Black (64%)



- Cyan (64%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0060, 4.4340, 24.5507 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 63.0060, 4.4340, 24.5507 by changing the saturation by 10% instead.

63.0060, 4.4340,
24.5507

63.0060, 4.4340,
24.5507

255.0000, 0.0000,
0.0000

40.4080, 4.7289,
23.3212

111.3160, 4.2812,
26.9099

17.6360, 5.6025,
23.1212

137.0280, 4.4232,
28.0394

4.4850, -2.2111,
9.2217

163.7400, 4.5652,
29.1690

0.0000, 0.0000,
0.0000

191.0390, 4.4178,
29.7838

219.3380, 4.2704,
30.3986

239.1510, 7.8136,

13.8996

■ 63.0060, 4.4340,
24.5507

■ 63.0060, 4.4340,
24.5507

■ 57.2670, 5.2914,
29.5838

■ 68.7450, 3.5767,
19.5176

■ 51.5280, 6.1487,
34.6169

■ 74.4840, 2.7194,
14.4845

■ 45.7890, 7.0060,
39.6500

■ 80.2230, 1.8621,
9.4514

■ 40.0500, 7.8634,
44.6832

■ 85.9620, 1.0047,
4.4183

■ 34.3110, 8.7207,
49.7163

■ 92.2880, -0.1420,
-1.1296

■ 33.1370, 9.2995,
50.7459

■ 98.0270, -0.9993,
-6.1627

■ 103.7660, -1.8566,
-11.1958

■ 109.3910, -3.1508,
-16.1289

■ 115.1300, -4.0081,
-21.1620

Harmonies

Analogous

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



63.2690, 12.1924, 9.4111



63.0060, 4.4340, 24.5507



62.0470, -4.4602, 30.6538

Triad

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



63.0060, 4.4340, 24.5507



58.8530, -17.1825, 4.5139



51.0080, 17.7441, -44.7340

Complementary

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



63.0060, 4.4340, 24.5507



74.9940, -4.4340, -24.5507

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.



49.6570, 10.0291, -43.5492



63.0060, 4.4340, 24.5507



56.6490, -11.1660, -11.9702

Square

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



63.0060, 4.4340, 24.5507



60.5280, -17.5153, 17.9539



50.4920, 0.2504, -33.7575



49.8000, 23.2696, -43.6746

Rectangle

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



63.0060, 4.4340, 24.5507



61.2550, -9.9857, 29.5944



50.4920, 0.2504, -33.7575



50.4380, 15.5601, -44.2341

Sweetspot

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



63.0060, 4.4340, 24.5507



106.2230, 1.8621, 9.4514



57.3980, 16.5658, 6.6670



51.9730, 0.9993, 6.1627



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



63.0060, 4.4340, 24.5507



73.7780, 7.0114, 37.9057



60.6120, -4.7387, 26.6503



42.8370, 0.5734, 2.7740



39.9580, 10.8667, 61.4268



86.2530, 24.0323, 132.2051

Inverse Universe

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



63.0060, 4.4340, 24.5507



73.7780, 7.0114, 37.9057



77.3880, 4.7387, -26.6503



42.8370, 0.5734, 2.7740



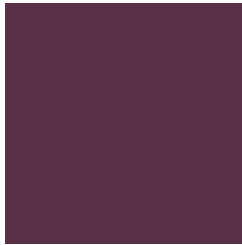
39.9580, 10.8667, 61.4268



86.2530, 24.0323, 132.2051

Previews

White Background



This preview shows how the YUV color 63.0060, 4.4340, 24.5507 looks on a white background.

Color Contrast Check

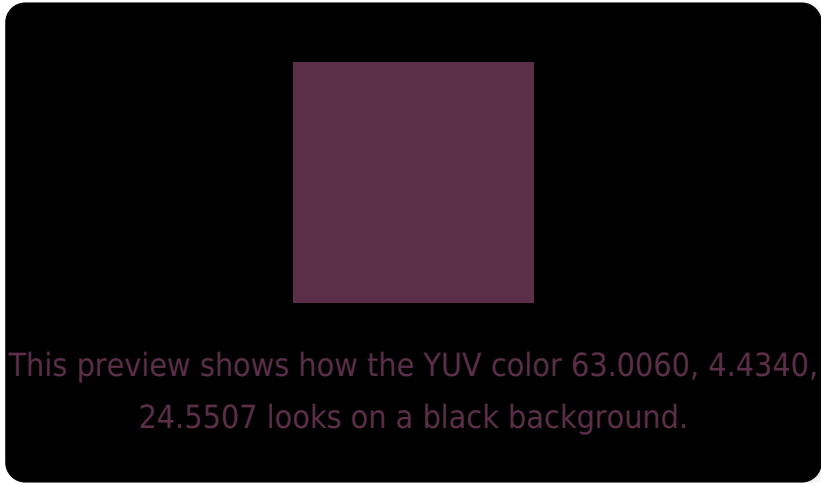
Large Text (above 18pt) WCAG AA ✓ Pass

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

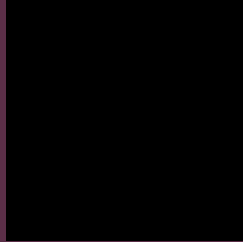
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0060, 4.4340, 24.5507

Background



This preview shows how black text looks on a background with the YUV color 63.0060, 4.4340, 24.5507.



This preview shows how white text looks on a background with the YUV color 63.0060, 4.4340,

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

63.0060, 4.4340, 24.5507

Protanopia

61.8990, 9.9098, -5.1734

Deuteranopia

62.3360, 3.7784, 1.4593



Tritanopia

62.7040, -4.2911, 23.0616

Trichromacy



Original Color

63.0060, 4.4340, 24.5507

Protanomaly

62.3950, 7.6933, 5.7926

Deuteranomaly

62.5050, 4.1880, 10.0811

Tritanomaly

63.2140, -1.0915, 23.4913

Monochromacy



Original Color

63.0060, 4.4340, 24.5507

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8100, 1.5727, 8.9366

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0060, 4.4340, 24.5507 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(91, 47, 72)` looks like.

```
.text, #text, p{  
    color:rgb(91, 47, 72)  
}
```

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(91, 47, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 47, 72) }
```

Border

The CSS property to change the border of an element to YUV 63.0060, 4.4340, 24.5507 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(91, 47, 72) }
```


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

```
.border{ border-color:rgb(91, 47, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 47, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 47, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 47, 72);  
box-shadow:4px 4px 4px 4px rgb(91, 47, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.0060, 4.4340, 24.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 47, 72) }
```

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

```
.background{ background-color: rgb(91, 47,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor