

Converting Colors

YUV(43.4450, 8.6546, 24.1657)

Have a look what the booklet for
YUV(43.4450, 8.6546, 24.1657)
contains.

YUV(43.4450, 8.6546, 24.1657)	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(43.4450, 8.6546,
24.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	471A3D
RGB	71, 26, 61
RGB Percent	28%, 10%, 24%
CMY	0.7216, 0.8980, 0.7608
CMYK	0.00, 0.63, 0.14, 0.72
HSL	313°, 46%, 19%
HSV	313°, 63%, 28%
XYZ	3.8102, 2.4153, 4.6803
YIQ	43.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

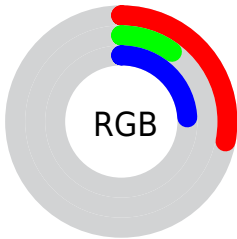
Format	Color
R_{YB}	71, 26, 61
Decimal	4659773
CIE _{Lab}	17.53, 26.59, -12.25
CIE _{LCh}	18, 29.277, 335.271
Yxy	2.4153, 0.3494, 0.2215
Android (android.graphics.Color)	4282849853 (0xFF471A3D)
YUV	43.4450, 8.6546, 24.1657
Hunter-Lab	15.5412, 16.5655, -6.9764

Details

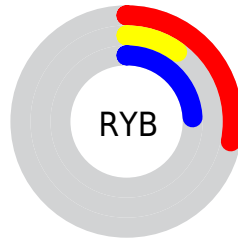
The YUV color **43.4450, 8.6546, 24.1657** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **53.5550, -8.6546, -24.1657**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.8690, 8.9386, 26.4249**, and **9.5270, 4.1772, 13.5698** is the 20% darker color. If you saturate the color by 10%, you get **39.1080, 9.8068, 27.9693**, and if you desaturate by 10%, it is **47.7820, 7.5025, 20.3622**.

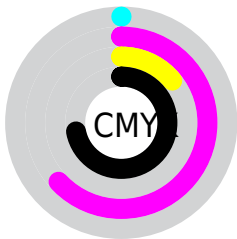
Distribution



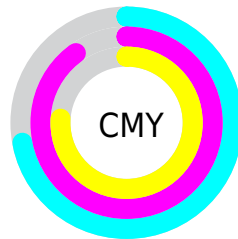
- Red (28%)
- Green (10%)
- Blue (24%)



- Red (28%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (63%)
- Yellow (14%)
- Black (72%)



- Cyan (72%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4450, 8.6546, 24.1657 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 43.4450, 8.6546, 24.1657 by changing the saturation by 10% instead.

43.4450, 8.6546,
24.1657

43.4450, 8.6546,
24.1657

255.0000, 0.0000,
0.0000

20.2600, 9.2388,
23.4510

90.8690, 8.9386,
26.4249

9.5270, 4.1772,
13.5698

116.1680, 8.7912,
27.0397

0.0000, 0.0000,
0.0000

141.8800, 8.9332,
28.1692

168.5920, 9.0751,
29.2988

196.3040, 9.2171,
30.4284

223.1080, 9.8068,

27.9693

240.9120, 6.9454,
12.3552

43.4450, 8.6546,
24.1657

43.4450, 8.6546,
24.1657

39.1080, 9.8068,
27.9693

47.7820, 7.5025,
20.3622

34.8850, 11.3957,
31.6729

52.0050, 5.9135,
16.6586

30.5480, 12.5478,
35.4764

56.3420, 4.7614,
12.8551

27.4990, 13.5580,
38.1504

60.5650, 3.1725,
9.1515

65.4890, 1.7309,
4.8331

■ 69.7120, 0.1420,
1.1296

■ 74.0490, -1.0102,
-2.6740

■ 78.3860, -2.1623,
-6.4775

■ 82.6090, -3.7512,
-10.1811

Harmonies

Analogous

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



44.3760, 16.5766, 3.1782



43.4450, 8.6546, 24.1657



40.8070, -0.3979, 34.3723

Triad

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



43.4450, 8.6546, 24.1657



40.4900, -19.9616, 9.2173



38.1620, 14.2171, -33.4681

Complementary

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



43.4450, 8.6546, 24.1657



53.5550, -8.6546, -24.1657

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.



36.3550, 4.7550, -31.8833



43.4450, 8.6546, 24.1657



37.3630, -17.4340, -8.2114

Square

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



43.4450, 8.6546, 24.1657



40.5780, -20.0050, 23.1721



33.2600, -4.5652, -29.1690



38.5840, 20.9111, -33.8382

Rectangle

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



43.4450, 8.6546, 24.1657



40.9720, -7.3812, 34.2276



33.2600, -4.5652, -29.1690



37.9510, 10.8702, -33.2830

Sweetspot

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



43.4450, 8.6546, 24.1657



80.9780, 3.4618, 9.6663



34.1200, 18.1818, 1.6488



39.3150, 2.3097, 5.8627



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



43.4450, 8.6546, 24.1657



49.0860, 13.2686, 37.6356



40.9370, -0.9549, 26.3653



33.5380, 0.7208, 2.1592



38.3790, 19.0402, 53.1646



88.0510, 43.8519, 121.8583

Inverse Universe

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



43.4450, 8.6546, 24.1657



49.0860, 13.2686, 37.6356



56.0630, 0.9549, -26.3653



33.5380, 0.7208, 2.1592



38.3790, 19.0402, 53.1646



88.0510, 43.8519, 121.8583

Previews

White Background



This preview shows how the YUV color 43.4450, 8.6546, 24.1657 looks on a white background.

Color Contrast Check

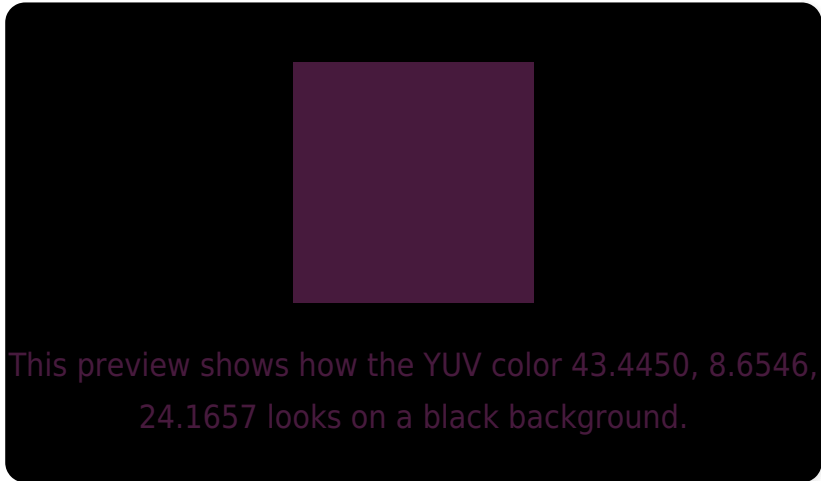
Large Text (above 18pt) WCAG AA ✓ Pass

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

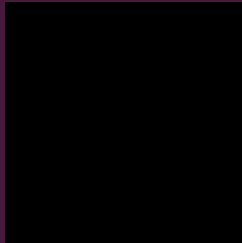
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.4450, 8.6546, 24.1657

Background



This preview shows how black text looks on a background with the YUV color 43.4450, 8.6546, 24.1657.



This preview shows how white text looks on a background with the YUV color 43.4450, 8.6546,

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

43.4450, 8.6546, 24.1657

Protanopia

42.7610, 15.8938, -11.1914

Deuteranopia

44.1120, 6.8468, -2.7292



Tritanopia

43.6930, -4.2856, 21.3172

Trichromacy



Original Color

43.4450, 8.6546, 24.1657

Protanomaly

43.1540, 13.2351, 1.6189

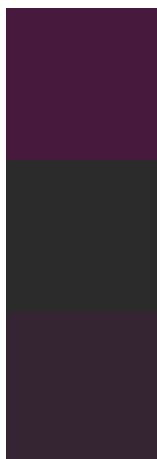
Deuteranomaly

43.9930, 7.3985, 7.0221

Tritanomaly

43.2570, 0.3663, 22.5766

Monochromacy



Original Color

43.4450, 8.6546, 24.1657

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2660, 3.3199, 8.5367

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4450, 8.6546, 24.1657 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(71, 26, 61)` looks like.

```
.text, #text, p{  
    color:rgb(71, 26, 61)  
}
```

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(71, 26, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 26, 61) }
```

Border

The CSS property to change the border of an element to YUV 43.4450, 8.6546, 24.1657 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(71, 26, 61) }
```


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

```
.border{ border-color:rgb(71, 26, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 26, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 26, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 26, 61);  
box-shadow:4px 4px 4px 4px rgb(71, 26, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.4450, 8.6546, 24.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 26, 61) }
```

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

```
.background{ background-color: rgb(71, 26,  
61) }
```

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