

Converting Colors

YUV(60.4450, -24.8694,
43.4597)

Have a look what the booklet for
YUV(60.4450, -24.8694, 43.4597)
contains.

YUV(60.4450, -24.8694, 43.4597)	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(60.4450, -24.8694,
43.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2D0A
RGB	110, 45, 10
RGB Percent	43%, 18%, 4%
CMY	0.5686, 0.8235, 0.9608
CMYK	0.00, 0.59, 0.91, 0.57
HSL	21°, 83%, 24%
HSV	21°, 91%, 43%
XYZ	7.4236, 5.2137, 0.9022
YIQ	60.4450, 49.9750, 2.8950

Conversions

Conversions Part 2

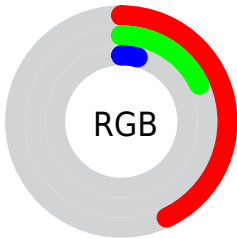
Format	Color
R_{YB}	110, 64, 10
Decimal	7220490
CIE Lab	27.34, 26.94, 34.22
CIE LCh	27, 43.555, 51.793
Yxy	5.2137, 0.5483, 0.3851
Android (android.graphics.Color)	4285410570 (0xFF6E2D0A)
YUV	60.4450, -24.8694, 43.4597
Hunter-Lab	22.8335, 18.0750, 13.6407

Details

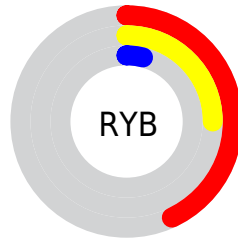
The YUV color **60.4450, -24.8694, 43.4597** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **59.5550, 24.8694, -43.4597**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7940, -27.5064, 49.2927**, and **16.4450, -8.1074, 33.8127** is the 20% darker color. If you saturate the color by 10%, you get **55.7830, -27.5010, 47.5483**, and if you desaturate by 10%, it is **65.8080, -22.0903, 38.7564**.

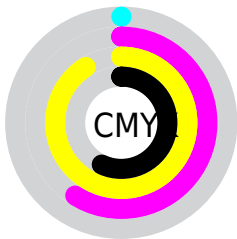
Distribution



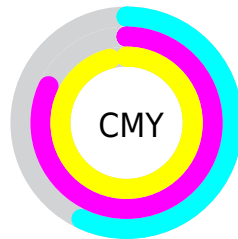
- Red (43%)
- Green (18%)
- Blue (4%)



- Red (43%)
- Yellow (25%)
- Blue (4%)



- Cyan (0%)
- Magenta (59%)
- Yellow (91%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.4450, -24.8694, 43.4597 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 60.4450, -24.8694, 43.4597 by changing the saturation by 10% instead.

■ 60.4450, -24.8694,
43.4597

■ 60.4450, -24.8694,
43.4597

■ 253.1760, -6.9888,
1.5996

■ 37.7310, -18.6014,
39.7009

■ 110.7940,
-27.5064, 49.2927

■ 16.4450, -8.1074,
33.8127

■ 136.8760,
-28.5329, 51.8517

■ 8.7850, -3.8380,
17.7286

■ 163.9580,
-29.5593, 54.4108

■ 0.0000, 0.0000,
0.0000


■ 191.3280,
-30.7277, 55.8403


■ 210.1410,
-27.1845, 39.3413


■ 229.6550,


-23.4939, 22.2276


 249.8700,
-19.6559, 4.4990


 60.4450, -24.8694,
43.4597


 60.4450, -24.8694,
43.4597


 55.7830, -27.5010,
47.5483

 65.8080, -22.0903,
38.7564

 71.1710, -19.3113,
34.0530

 76.5340, -16.5323,
29.3497

 82.4840, -14.0426,
24.1315

 87.8470, -11.2636,
19.4282

■ 93.2100, -8.4845,
14.7248

■ 98.5730, -5.7055,
10.0215

■ 103.9360, -2.9264,
5.3181

■ 109.2990, -0.1474,
0.6148

Harmonies

Analogous

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



58.2890, -8.0305, 55.8745



60.4450, -24.8694, 43.4597



61.2330, -30.1879, 22.5977

Triad

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



60.4450, -24.8694, 43.4597



52.5290, 0.7252, -46.0679



61.9570, 32.0662, -18.3793

Complementary

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



60.4450, -24.8694, 43.4597



59.5550, 24.8694, -43.4597

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.



56.6110, 36.6738, -49.6478



60.4450, -24.8694, 43.4597



56.4050, 15.5763, -49.4672

Square

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



60.4450, -24.8694, 43.4597



46.7780, -13.6946, -41.0243



58.5370, 28.8223, -51.3369



65.7300, 19.8531, 25.6698

Rectangle

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



60.4450, -24.8694, 43.4597



59.6610, -29.4129, 7.3133



58.5370, 28.8223, -51.3369



52.3880, 38.2627, -45.9443

Sweetspot

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



60.4450, -24.8694, 43.4597



123.8790, -9.8003, 16.7691



47.3100, 13.6512, 54.9791



60.2740, -5.5581, 9.4067



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



60.4450, -24.8694, 43.4597



72.1070, -35.5488, 62.1732



89.7950, -39.3389, 17.7198



52.9680, -1.4632, 2.6591



60.5340, -29.8433, 52.1517



124.9220, -61.5865, 107.0624

Inverse Universe

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



59.5550, 24.8694, -43.4597



70.8930, 35.5488, -62.1732



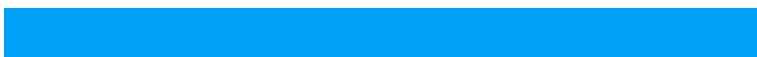
30.2050, 39.3389, -17.7198



53.0320, 1.4632, -2.6591



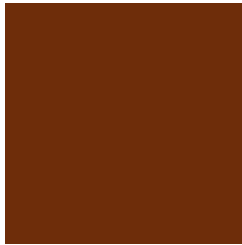
59.4660, 29.8433, -52.1517



122.6650, 61.2972, -107.5772

Previews

White Background



This preview shows how the YUV color 60.4450, -24.8694, 43.4597 looks on a white background.

Color Contrast Check

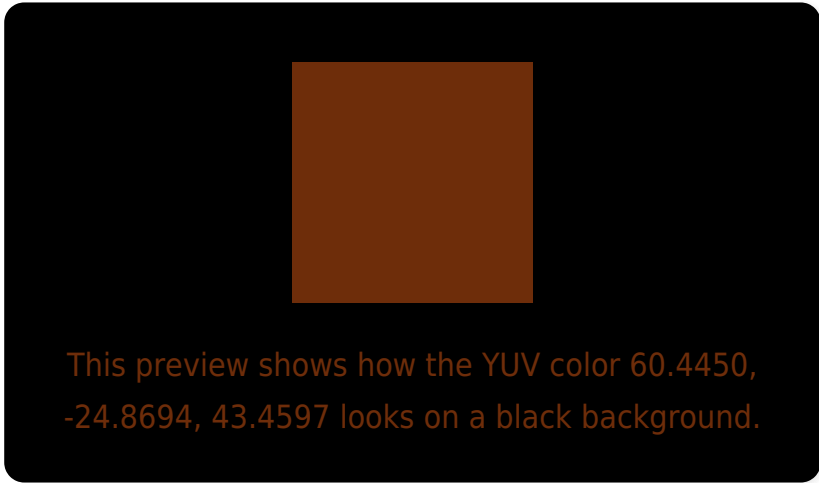
Large Text (above 18pt) WCAG AA ✓ Pass

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

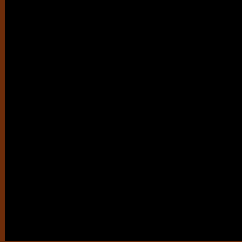
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.4450, -24.8694, 43.4597

Background



This preview shows how black text looks on a background with the YUV color 60.4450, -24.8694, 43.4597.



This preview shows how white text looks on a background with the YUV color 60.4450, -24.8694,

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

60.4450, -24.8694, 43.4597

Protanopia

62.5780, -23.4560, 10.0171

Deuteranopia

61.2110, -30.1770, 19.1090



Tritanopia

62.9730, -8.8607, 42.1197

Trichromacy



Original Color

60.4450, -24.8694, 43.4597

Protanomaly

61.5410, -23.9307, 22.3275

Deuteranomaly

61.1350, -28.1676, 27.9456

Tritanomaly

62.0780, -14.8285, 42.9046

Monochromacy



Original Color

60.4450, -24.8694, 43.4597

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.3950, -9.0687, 15.4396

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.4450, -24.8694, 43.4597 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(110, 45, 10)` looks like.

```
.text, #text, p{  
    color:rgb(110, 45, 10)  
}
```

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(110, 45, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 45, 10) }
```

Border

The CSS property to change the border of an element to YUV 60.4450, -24.8694, 43.4597 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(110, 45, 10) }
```


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

```
.border{ border-color:rgb(110, 45, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 45, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 45, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 45, 10);  
box-shadow:4px 4px 4px 4px rgb(110, 45,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 60.4450, -24.8694, 43.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 45, 10) }
```

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

```
.background{ background-color: rgb(110, 45,  
10) }
```

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