

Converting Colors

YUV(43.2680, 0.3609, 24.3210)

Have a look what the booklet for
YUV(43.2680, 0.3609, 24.3210)
contains.

YUV(43.2680, 0.3609, 24.3210)	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(43.2680, 0.3609,
24.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	471D2C
RGB	71, 29, 44
RGB Percent	28%, 11%, 17%
CMY	0.7216, 0.8863, 0.8275
CMYK	0.00, 0.59, 0.38, 0.72
HSL	339°, 42%, 20%
HSV	339°, 59%, 28%
XYZ	3.4925, 2.4002, 2.6621
YIQ	43.2680, 20.2170, 13.5690

Conversions

Conversions Part 2

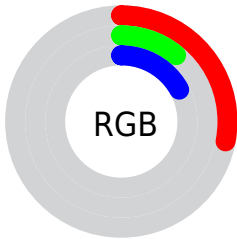
Format	Color
RYB	71, 29, 44
Decimal	4660524
CIELab	17.46, 22.00, -0.36
CIELCh	17, 22.002, 359.073
Yxy	2.4002, 0.4083, 0.2806
Android (android.graphics.Color)	4282850604 (0xFF471D2C)
YUV	43.2680, 0.3609, 24.3210
Hunter-Lab	15.4925, 13.1280, 0.6569

Details

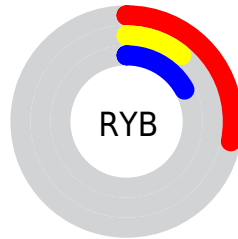
The YUV color **43.2680, 0.3609, 24.3210** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **56.7320, -0.3609, -24.3210**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.3500, -0.6656, 26.8800**, and **6.8770, -3.3904, 14.1399** is the 20% darker color. If you saturate the color by 10%, you get **38.5890, 0.2026, 28.4244**, and if you desaturate by 10%, it is **47.9470, 0.5191, 20.2175**.

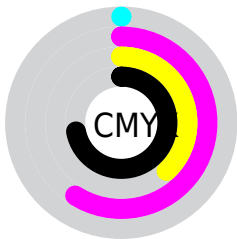
Distribution



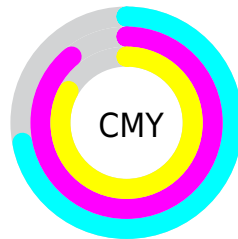
- Red (28%)
- Green (11%)
- Blue (17%)



- Red (28%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (59%)
- Yellow (38%)
- Black (72%)



- Cyan (72%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.2680, 0.3609, 24.3210 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 43.2680, 0.3609, 24.3210 by changing the saturation by 10% instead.

■ 43.2680, 0.3609,
24.3210

■ 43.2680, 0.3609,
24.3210

■ 255.0000, 0.0000,
0.0000

■ 20.8980, 1.5293,
22.8915

■ 90.3500, -0.6656,
26.8800

■ 6.8770, -3.3904,
14.1399

■ 115.3610, -0.6710,
28.6244

■ 0.0000, 0.0000,
0.0000

■ 140.9590, -0.9658,
29.8540

■ 167.6710, -0.8238,
30.9835

■ 194.9700, -0.9712,
31.5983

■ 221.7740, -0.3816,

29.1392

241.4020, 3.7458,
11.9254

43.2680, 0.3609,
24.3210

43.2680, 0.3609,
24.3210

38.5890, 0.2026,
28.4244

47.9470, 0.5191,
20.2175

34.0240, 0.4812,
32.4280

52.5120, 0.2406,
16.2140

29.3450, 0.3229,
36.5314

57.1910, 0.3988,
12.1105

24.7800, 0.6015,
40.5349

61.7560, 0.1203,
8.1070

24.0790, 0.4541,
41.1497

67.0220, -0.0108,
3.4887

■ 71.5870, -0.2894,
-0.5148

■ 76.2660, -0.1311,
-4.6183

■ 80.9450, 0.0271,
-8.7218

■ 85.5100, -0.2514,
-12.7253

Harmonies

Analogous

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



44.6350, 7.0819, 15.2291



43.2680, 0.3609, 24.3210



42.6180, -7.2067, 24.8910

Triad

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



43.2680, 0.3609, 24.3210



39.2480, -12.9403, -2.8485



36.7430, 16.3957, -32.2236

Complementary

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



43.2680, 0.3609, 24.3210



56.7320, -0.3609, -24.3210

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.



35.9620, 10.8647, -31.5387



43.2680, 0.3609, 24.3210



36.2120, -5.0345, -18.6029

Square

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



43.2680, 0.3609, 24.3210



41.1140, -16.3252, 9.5470



34.7250, 3.5866, -30.4538



36.9440, 18.2686, -26.2609

Rectangle

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



43.2680, 0.3609, 24.3210



42.2710, -10.9796, 21.6873



34.7250, 3.5866, -30.4538



36.2870, 14.6485, -31.8237

Sweetspot

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



43.2680, 0.3609, 24.3210



80.7670, 0.1149, 9.8513



41.8610, 14.3655, 12.3999



39.3320, -0.1637, 5.8478



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.



43.2680, 0.3609, 24.3210



49.0570, 0.4649, 37.6610



45.0800, -7.9274, 22.7318



33.3100, -0.1528, 2.3591



33.7050, 1.1314, 57.2637



77.1070, 1.9192, 131.4562

Inverse Universe

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



43.2680, 0.3609, 24.3210



49.0570, 0.4649, 37.6610



54.9200, 7.9274, -22.7318



33.3100, -0.1528, 2.3591



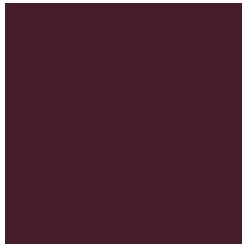
33.7050, 1.1314, 57.2637



77.1070, 1.9192, 131.4562

Previews

White Background



This preview shows how the YUV color 43.2680, 0.3609, 24.3210 looks on a white background.

Color Contrast Check

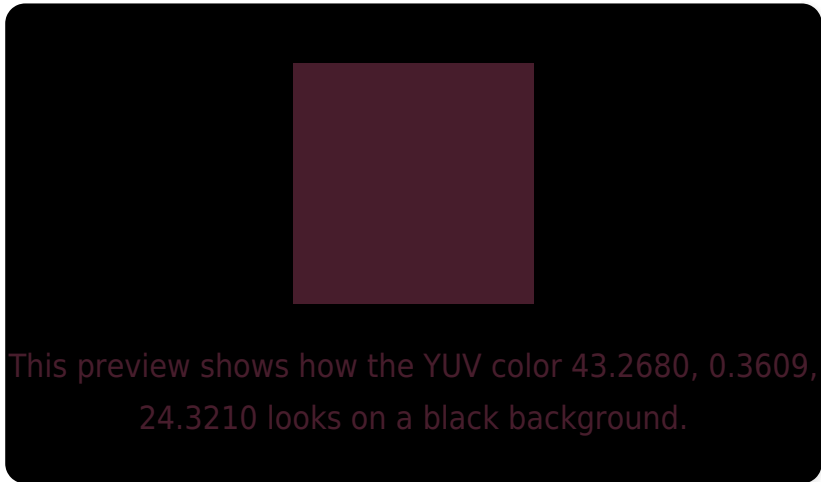
Large Text (above 18pt) WCAG AA ✓ Pass

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

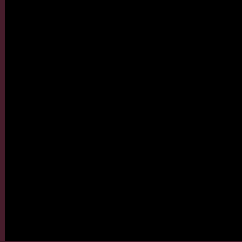
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.2680, 0.3609, 24.3210

Background



This preview shows how black text looks on a background with the YUV color 43.2680, 0.3609, 24.3210.



This preview shows how white text looks on a background with the YUV color 43.2680, 0.3609,

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

43.2680, 0.3609, 24.3210

Protanopia

43.8410, 4.5154, -1.6146

Deuteranopia

44.0930, -1.0318, 4.3034



Tritanopia

42.8890, -4.8753, 23.7763

Trichromacy



Original Color

43.2680, 0.3609, 24.3210

Protanomaly

43.8530, 3.0305, 8.0219

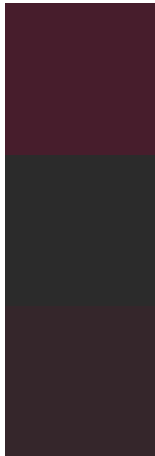
Deuteranomaly

43.6640, -0.3274, 11.6957

Tritanomaly

42.7580, -2.8387, 23.8912

Monochromacy



Original Color

43.2680, 0.3609, 24.3210

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0550, -0.0271, 8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.2680, 0.3609, 24.3210 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, 29, 44)` looks like.

```
.text, #text, p{  
    color:rgb(71, 29, 44)  
}
```

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, 29, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 29, 44) }
```

Border

The CSS property to change the border of an element to YUV 43.2680, 0.3609, 24.3210 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, 29, 44) }
```


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

```
.border{ border-color:rgb(71, 29, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 29, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 29, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 29, 44);  
box-shadow:4px 4px 4px 4px rgb(71, 29, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.2680, 0.3609, 24.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 29, 44) }
```

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

```
.background{ background-color: rgb(71, 29,  
44) }
```

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