

Converting Colors

YUV(43.0020, -9.3680, 64.8962)

Have a look what the booklet for
YUV(43.0020, -9.3680, 64.8962)
contains.

YUV(43.0020, -9.3680, 64.8962)	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(43.0020, -9.3680,
64.8962)**

Conversions

Conversions Part 1

Format	Color
Hex	750918
RGB	117, 9, 24
RGB Percent	46%, 4%, 9%
CMY	0.5412, 0.9647, 0.9059
CMYK	0.00, 0.92, 0.79, 0.54
HSL	352°, 86%, 25%
HSV	352°, 92%, 46%
XYZ	7.5987, 4.0432, 1.2441
YIQ	43.0020, 59.5530, 27.5610

Conversions

Conversions Part 2

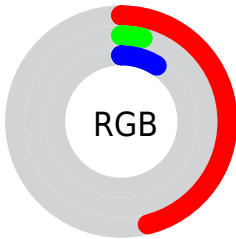
Format	Color
R_YB	117, 9, 24
Decimal	7670040
CIE Lab	23.81, 43.78, 23.60
CIE LCh	24, 49.738, 28.323
Yxy	4.0432, 0.5897, 0.3138
Android (android.graphics.Color)	4285860120 (0xFF750918)
YUV	43.0020, -9.3680, 64.8962
Hunter-Lab	20.1078, 32.2660, 10.4071

Details

The YUV color **43.0020, -9.3680, 64.8962** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.9980, 9.3680, -64.8962**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8790, -16.2093, 65.8811**, and **18.2390, -8.9918, 37.5014** is the 20% darker color. If you saturate the color by 10%, you get **36.8070, -10.2579, 70.3293**, and if you desaturate by 10%, it is **51.1860, -8.4727, 57.7189**.

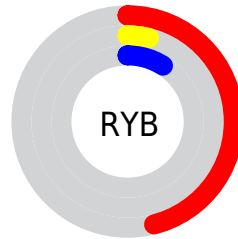
Distribution



Red (46%)

Green (4%)

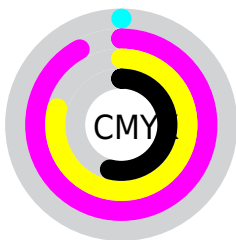
Blue (9%)



Red (46%)

Yellow (4%)

Blue (9%)

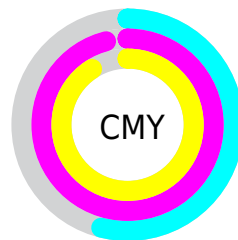


Cyan (0%)

Magenta (92%)

Yellow (79%)

Black (54%)



Cyan (54%)

Magenta (96%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0020, -9.3680, 64.8962 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 43.0020, -9.3680, 64.8962 by changing the saturation by 10% instead.

43.0020, -9.3680,
64.8962

43.0020, -9.3680,
64.8962

254.5440, -1.7472,
0.3999

26.6110, -13.1192,
54.7152

99.8790, -16.2093,
65.8811

18.2390, -8.9918,
37.5014

126.7330,
-18.1094, 68.6402

9.3830, -4.1328,
18.9581

154.7010,
-19.5726, 71.2992

0.0000, 0.0000,
0.0000

178.6080,
-18.5407, 66.9958

198.0080,
-15.2869, 49.9820

217.5220,

-11.5963, 32.8682

237.7370, -7.7583,
15.1397

43.0020, -9.3680,
64.8962

43.0020, -9.3680,
64.8962

36.8070, -10.2579,
70.3293

51.1860, -8.4727,
57.7189

58.7830, -7.2880,
51.0563

66.9670, -6.3927,
43.8789

75.1510, -5.4974,
36.7016

82.7480, -4.3128,
30.0390

■ 90.9320, -3.4175,
22.8616

■ 99.2300, -2.0854,
15.5843

■ 107.4140, -1.1901,
8.4069

■ 115.0110, -0.0054,
1.7444

Harmonies

Analogous

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



42.1220, 8.8139, 66.5450



43.0020, -9.3680, 64.8962



51.6190, -25.4482, 42.4301

Triad

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



43.0020, -9.3680, 64.8962



41.8710, -14.7264, -36.7209



51.4420, 39.7151, -45.1146

Complementary

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



43.0020, -9.3680, 64.8962



82.9980, 9.3680, -64.8962

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.



54.8840, 32.5952, -48.1333



43.0020, -9.3680, 64.8962



48.3060, 2.3141, -42.3644

Square

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



43.0020, -9.3680, 64.8962



48.3320, -23.8277, -10.8152



52.6380, 18.9125, -46.1635



55.3540, 33.3495, -9.9575

Rectangle

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



43.0020, -9.3680, 64.8962



54.1670, -26.7043, 25.2865



52.6380, 18.9125, -46.1635



53.6760, 38.1207, -47.0739

Sweetspot

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



43.0020, -9.3680, 64.8962



123.5410, -3.7177, 25.8355



48.8200, 33.6127, 45.7619



58.5290, -2.2328, 16.1991



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



43.0020, -9.3680, 64.8962



48.1410, -13.3805, 91.9613



63.5980, -26.9168, 46.8336



54.9080, -0.4476, 3.5887



38.4160, -10.5581, 73.3032



78.7400, -21.5638, 150.1950

Inverse Universe

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



43.0020, -9.3680, 64.8962



48.1410, -13.3805, 91.9613



62.4020, 26.9168, -46.8336



54.9080, -0.4476, 3.5887



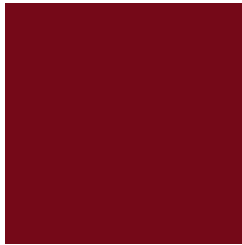
38.4160, -10.5581, 73.3032



78.7400, -21.5638, 150.1950

Previews

White Background



This preview shows how the YUV color 43.0020, -9.3680, 64.8962 looks on a white background.

Color Contrast Check

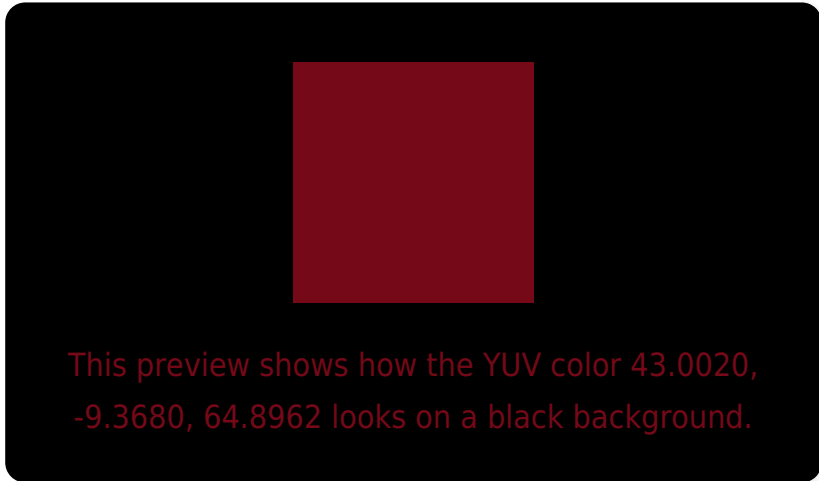
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0020, -9.3680, 64.8962

Background



This preview shows how black text looks on a background with the YUV color 43.0020, -9.3680, 64.8962.



This preview shows how white text looks on a background with the YUV color 43.0020, -9.3680,

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

43.0020, -9.3680, 64.8962

Protanopia

58.8730, -10.7834, 5.3734

Deuteranopia

57.7080, -20.5620, 15.1651



Tritanopia

43.6400, -17.0775, 64.3367

Trichromacy



Original Color

43.0020, -9.3680, 64.8962

Protanomaly

52.8310, -10.2697, 27.3352

Deuteranomaly

52.5560, -16.5431, 32.8384

Tritanomaly

43.6230, -14.6041, 64.3516

Monochromacy



Original Color

43.0020, -9.3680, 64.8962

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2310, -3.5649, 23.4764

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0020, -9.3680, 64.8962 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(117, 9, 24)` looks like.

```
.text, #text, p{  
    color:rgb(117, 9, 24)  
}
```

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(117, 9, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 9, 24) }
```

Border

The CSS property to change the border of an element to YUV 43.0020, -9.3680, 64.8962 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(117, 9, 24) }
```


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

```
.border{ border-color:rgb(117, 9, 24) }
```

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

Here you see how a box with a 4 pixel rgb(117, 9, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 9, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 9, 24);  
box-shadow:4px 4px 4px 4px rgb(117, 9, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.0020, -9.3680, 64.8962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 9, 24) }
```

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

```
.background{ background-color: rgb(117, 9,  
24) }
```

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