

Converting Colors

YUV(39.8570, 4.0145, 65.9004)

Have a look what the booklet for
YUV(39.8570, 4.0145, 65.9004)
contains.

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Color

**YUV(39.8570, 4.0145,
65.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	730030
RGB	115, 0, 48
RGB Percent	45%, 0%, 19%
CMY	0.5490, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.58, 0.55
HSL	335°, 100%, 23%
HSV	335°, 100%, 45%
XYZ	7.6037, 3.8582, 3.1403
YIQ	39.8570, 53.1320, 39.3080

Conversions

Conversions Part 2

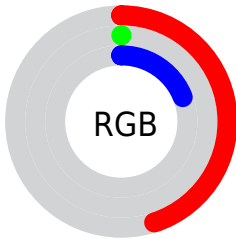
Format	Color
R_{YB}	115, 0, 48
Decimal	7536688
CIE Lab	23.20, 46.49, 6.25
CIE LCh	23, 46.908, 7.654
Yxy	3.8582, 0.5207, 0.2642
Android (android.graphics.Color)	4285726768 (0xFF730030)
YUV	39.8570, 4.0145, 65.9004
Hunter-Lab	19.6424, 34.7246, 4.2709

Details

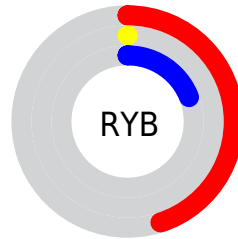
The YUV color **39.8570, 4.0145, 65.9004** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.1430, -4.0145, -65.9004**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.7120, -2.8160, 63.3966**, and **18.6520, -8.7024, 38.0162** is the 20% darker color. If you saturate the color by 10%, you get **39.8570, 4.0145, 65.9004**, and if you desaturate by 10%, it is **47.1120, 3.8888, 59.5378**.

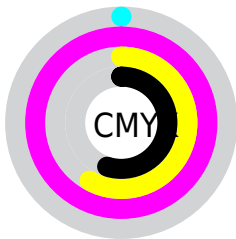
Distribution



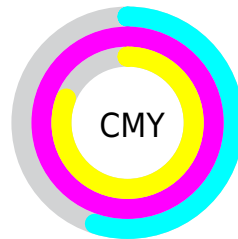
- Red (45%)
- Green (0%)
- Blue (19%)



- Red (45%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.8570, 4.0145, 65.9004 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 39.8570, 4.0145, 65.9004 by changing the saturation by 10% instead.

39.8570, 4.0145,
65.9004

39.8570, 4.0145,
65.9004

255.0000, 0.0000,
0.0000

29.0910, -1.0309,
50.7862

99.7120, -2.8160,
63.3966

18.6520, -8.7024,
38.0162

126.9680, -4.4212,
64.9261

9.3830, -4.1328,
18.9581

154.7510, -5.3002,
66.8704

0.0000, 0.0000,
0.0000

180.7400, -5.2948,
65.1260

199.6670, -1.3148,
48.5270

219.2950, 2.8126,

31.3133

■ 239.6240, 7.0874,
13.4848

■ 39.8570, 4.0145,
65.9004

■ 47.1120, 3.8888,
59.5378

■ 54.8400, 3.0369,
52.7603

■ 62.6820, 2.6218,
45.8829

■ 69.9370, 2.4961,
39.5203

■ 77.7790, 2.0810,
32.6428

■ 84.9200, 1.5184,
26.3802

■ 92.7620, 1.1033,
19.5027

■ 100.0170, 0.9776,
13.1401

■ 107.7450, 0.1257,
6.3626

Harmonies

Analogous

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



49.6510, 16.4411, 46.7871



39.8570, 4.0145, 65.9004



47.1010, -16.3188, 54.2854

Triad

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



39.8570, 4.0145, 65.9004



44.4340, -21.9060, -20.5516



52.5360, 33.7528, -46.0741

Complementary

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



39.8570, 4.0145, 65.9004



75.1430, -4.0145, -65.9004

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.



52.2620, 22.5488, -45.8338



39.8570, 4.0145, 65.9004



42.9940, -7.8850, -37.7057

Square

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



39.8570, 4.0145, 65.9004



51.6980, -25.4871, 8.1579



48.3860, 7.6977, -42.4345



47.8230, 38.5413, -41.9408

Rectangle

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



39.8570, 4.0145, 65.9004



50.7220, -25.0059, 40.5858



48.3860, 7.6977, -42.4345



53.0260, 30.5532, -46.5038

Sweetspot

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



39.8570, 4.0145, 65.9004



120.6210, 1.6658, 25.7654



32.5450, 40.6503, 28.4630



58.6260, 0.6774, 16.1140



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.



39.8570, 4.0145, 65.9004



52.0320, 5.4072, 85.9179



39.0810, -19.2669, 66.5810



55.0220, -0.0108, 3.4887



42.2920, 4.2930, 69.9039



86.6060, 8.5752, 143.2965

Inverse Universe

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



39.8570, 4.0145, 65.9004



52.0320, 5.4072, 85.9179



75.9190, 19.2669, -66.5810



55.0220, -0.0108, 3.4887



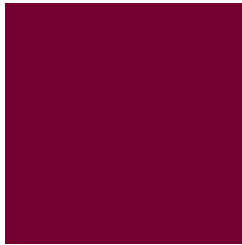
42.2920, 4.2930, 69.9039



86.6060, 8.5752, 143.2965

Previews

White Background



This preview shows how the YUV color 39.8570, 4.0145, 65.9004 looks on a white background.

Color Contrast Check

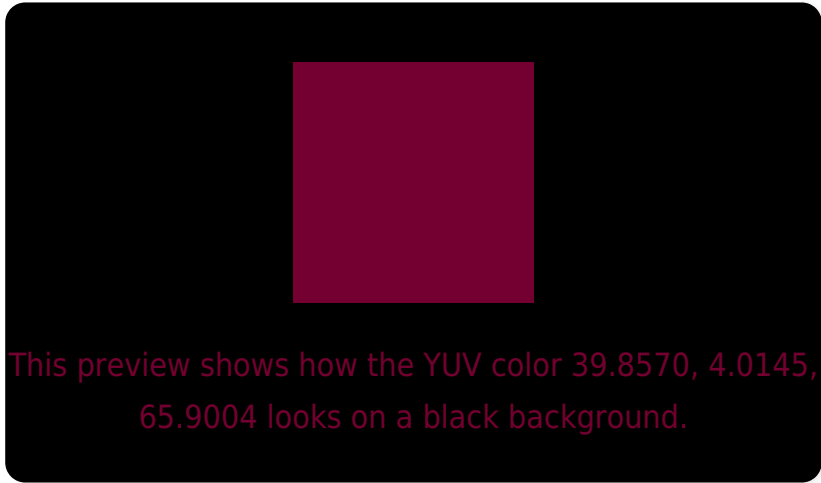
Large Text (above 18pt) WCAG AA ✓ Pass

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

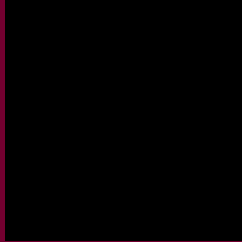
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.8570, 4.0145, 65.9004

Background



This preview shows how black text looks on a background with the YUV color 39.8570, 4.0145, 65.9004.



This preview shows how white text looks on a background with the YUV color 39.8570, 4.0145,

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

39.8570, 4.0145, 65.9004

Protanopia

59.6560, 5.0996, -2.3293

Deuteranopia

59.2910, -8.0315, 9.3918



Tritanopia

47.2910, -14.4405, 58.5038

Trichromacy



Original Color

39.8570, 4.0145, 65.9004

Protanomaly

52.6960, 4.5869, 22.1916

Deuteranomaly

51.9760, -3.4392, 29.8390

Tritanomaly

44.4360, -7.6099, 61.0076

Monochromacy



Original Color

39.8570, 4.0145, 65.9004

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.6100, 1.6713, 24.0210

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.8570, 4.0145, 65.9004 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(115, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(115, 0, 48)  
}
```

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(115, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 48) }
```

Border

The CSS property to change the border of an element to YUV 39.8570, 4.0145, 65.9004 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(115, 0, 48) }
```


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

```
.border{ border-color:rgb(115, 0, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 0, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(115, 0, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.8570, 4.0145, 65.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 48) }
```

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

```
.background{ background-color: rgb(115, 0,  
48) }
```

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](#).

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