

Converting Colors

YUV(50.8430, 8.4584, 40.4797)

Have a look what the booklet for
YUV(50.8430, 8.4584, 40.4797)
contains.

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Color

**YUV(50.8430, 8.4584,
40.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	611844
RGB	97, 24, 68
RGB Percent	38%, 9%, 27%
CMY	0.6196, 0.9059, 0.7333
CMYK	0.00, 0.75, 0.30, 0.62
HSL	324°, 60%, 24%
HSV	324°, 75%, 38%
XYZ	6.2998, 3.6120, 5.8340
YIQ	50.8430, 29.3840, 29.1600

Conversions

Conversions Part 2

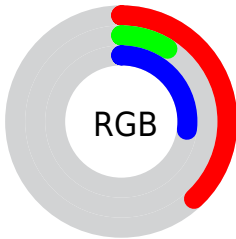
Format	Color
R_YB	97, 24, 68
Decimal	6363204
CIE Lab	22.34, 37.07, -9.29
CIE LCh	22, 38.214, 345.935
Yxy	3.6120, 0.4001, 0.2294
Android (android.graphics.Color)	4284553284 (0xFF611844)
YUV	50.8430, 8.4584, 40.4797
Hunter-Lab	19.0053, 25.9091, -4.8964

Details

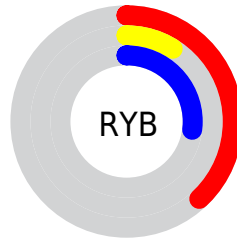
The YUV color **50.8430, 8.4584, 40.4797** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **70.1570, -8.4584, -40.4797**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.5120, 7.1426, 42.5240**, and **17.2020, 3.8444, 27.0098** is the 20% darker color. If you saturate the color by 10%, you get **44.5170, 9.6051, 46.0276**, and if you desaturate by 10%, it is **57.1690, 7.3117, 34.9318**.

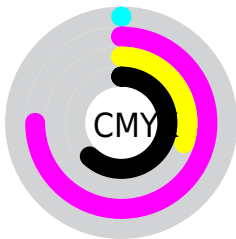
Distribution



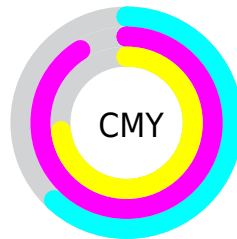
- Red (38%)
- Green (9%)
- Blue (27%)



- Red (38%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (30%)
- Black (62%)



- Cyan (62%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8430, 8.4584, 40.4797 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 50.8430, 8.4584, 40.4797 by changing the saturation by 10% instead.

■ 50.8430, 8.4584,
40.4797

■ 50.8430, 8.4584,
40.4797

■ 255.0000, 0.0000,
0.0000

■ 26.4730, 9.6268,
39.0502

■ 101.5120, 7.1426,
42.5240

■ 17.2020, 3.8444,
27.0098

■ 128.1100, 6.8478,
43.7535

■ 3.2890, -1.6215,
6.7625

■ 154.7080, 6.5530,
44.9831

■ 0.0000, 0.0000,
0.0000


■ 181.7190, 6.5475,
46.7274

■ 207.3270, 7.7268,
41.8092


■ 227.0690, 12.2910,

24.4955


 243.8470, 5.4984,
9.7812

 50.8430, 8.4584,
40.4797


 50.8430, 8.4584,
40.4797

 44.5170, 9.6051,
46.0276


 57.1690, 7.3117,
34.9318

 38.7780, 10.4624,
51.0607

 62.9080, 6.4544,
29.8987

 35.6150, 11.0358,
53.8346

 69.2340, 5.3076,
24.3508

 75.4460, 3.7241,
18.9029

 81.7720, 2.5774,
13.3550

■ 87.5110, 1.7201,
8.3219

■ 93.8370, 0.5734,
2.7740

■ 100.1630, -0.5734,
-2.7740

■ 105.9020, -1.4307,
-7.8071

Harmonies

Analogous

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



54.7350, 18.8646, 16.0184



50.8430, 8.4584, 40.4797



48.2710, -4.0776, 47.9973

Triad

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



50.8430, 8.4584, 40.4797



49.3060, -24.3079, 3.2396



48.8710, 22.2486, -42.8599

Complementary

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



50.8430, 8.4584, 40.4797



70.1570, -8.4584, -40.4797

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.



46.4940, 10.6025, -40.7752



50.8430, 8.4584, 40.4797



41.7910, -16.6590, -23.4957

Square

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



50.8430, 8.4584, 40.4797



50.6120, -24.9517, 23.1423



42.6010, -1.7753, -37.3611



48.2330, 29.9581, -42.3003

Rectangle

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



50.8430, 8.4584, 40.4797



49.1320, -13.3761, 43.7342



42.6010, -1.7753, -37.3611



48.5460, 18.4648, -42.5748

Sweetspot

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



50.8430, 8.4584, 40.4797



106.7230, 3.5876, 16.0289



40.6940, 27.7589, 9.9154



52.6360, 2.1515, 9.9662



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



50.8430, 8.4584, 40.4797



53.5390, 13.0453, 62.6713



46.8530, -6.8295, 43.9789



45.5380, 0.7208, 2.1592



41.2400, 13.1927, 62.0565



88.1760, 27.5212, 133.1496

Inverse Universe

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



50.8430, 8.4584, 40.4797



53.5390, 13.0453, 62.6713



74.1470, 6.8295, -43.9789



45.5380, 0.7208, 2.1592



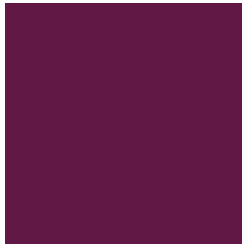
41.2400, 13.1927, 62.0565



88.1760, 27.5212, 133.1496

Previews

White Background



This preview shows how the YUV color 50.8430, 8.4584, 40.4797 looks on a white background.

Color Contrast Check

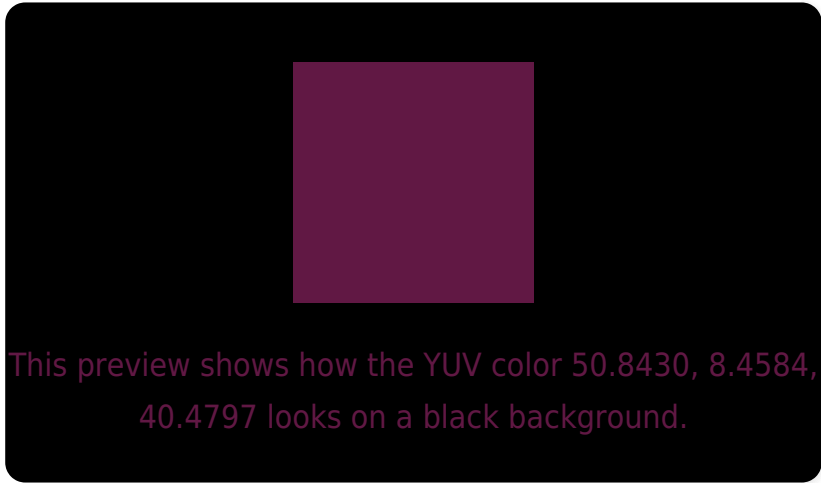
Large Text (above 18pt) WCAG AA ✓ Pass

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

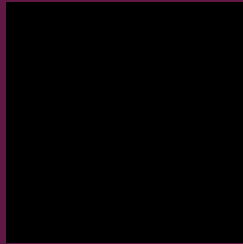
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.8430, 8.4584, 40.4797

Background



This preview shows how black text looks on a background with the YUV color 50.8430, 8.4584, 40.4797.



This preview shows how white text looks on a background with the YUV color 50.8430, 8.4584,

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

50.8430, 8.4584, 40.4797

Protanopia

54.2170, 17.6410, -11.5913

Deuteranopia

55.7380, 4.0732, 0.2298



Tritanopia

52.4670, -8.1182, 37.3014

Trichromacy



Original Color

50.8430, 8.4584, 40.4797

Protanomaly

52.8280, 14.3818, 7.1668

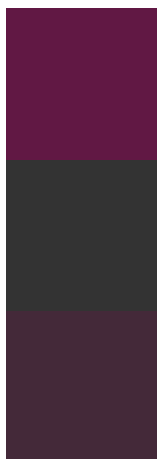
Deuteranomaly

53.8800, 5.4822, 15.0142

Tritanomaly

51.7860, -1.8665, 38.7757

Monochromacy



Original Color

50.8430, 8.4584, 40.4797

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8970, 3.0088, 14.9993

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8430, 8.4584, 40.4797 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(97, 24, 68)` looks like.

```
.text, #text, p{  
  color:rgb(97, 24, 68)  
}
```

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(97, 24, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 24, 68) }
```

Border

The CSS property to change the border of an element to YUV 50.8430, 8.4584, 40.4797 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(97, 24, 68) }
```


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

```
.border{ border-color:rgb(97, 24, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 24, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 24, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 24, 68);  
box-shadow:4px 4px 4px 4px rgb(97, 24, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.8430, 8.4584, 40.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 24, 68) }
```

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

```
.background{ background-color: rgb(97, 24,  
68) }
```

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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