

Converting Colors

YUV(76.9380, 44.8936, 67.5834)

Have a look what the booklet for
YUV(76.9380, 44.8936, 67.5834)
contains.

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Color

**YUV(76.9380, 44.8936,
67.5834)**

Conversions

Conversions Part 1

Format	Color
Hex	9A14A8
RGB	154, 20, 168
RGB Percent	60%, 8%, 66%
CMY	0.3961, 0.9216, 0.3412
CMYK	0.08, 0.88, 0.00, 0.34
HSL	294°, 79%, 37%
HSV	294°, 88%, 66%
XYZ	20.6445, 10.1975, 37.9260
YIQ	76.9380, 32.3560, 74.4360

Conversions

Conversions Part 2

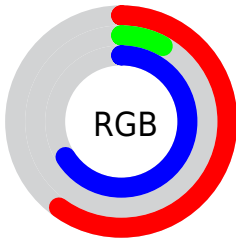
Format	Color
RYB	154, 20, 168
Decimal	10097832
CIELab	38.19, 66.96, -47.28
CIELCh	38, 81.969, 324.773
Yxy	10.1975, 0.3002, 0.1483
Android (android.graphics.Color)	4288287912 (0xFF9A14A8)
YUV	76.9380, 44.8936, 67.5834
Hunter-Lab	31.9335, 59.5135, -48.0627

Details

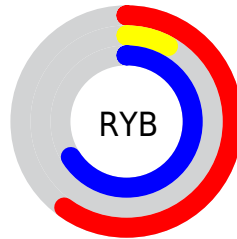
The YUV color **76.9380, 44.8936, 67.5834** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **111.0620, -44.8936, -67.5834**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9930, 41.4155, 63.1501**, and **42.4120, 35.7859, 48.7507** is the 20% darker color. If you saturate the color by 10%, you get **66.3610, 50.1080, 75.1054**, and if you desaturate by 10%, it is **87.5150, 39.6791, 60.0613**.

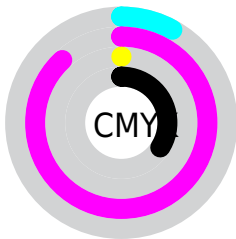
Distribution



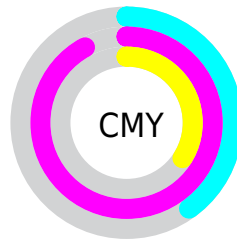
- Red (60%)
- Green (8%)
- Blue (66%)



- Red (60%)
- Yellow (8%)
- Blue (66%)



- Cyan (8%)
- Magenta (88%)
- Yellow (0%)
- Black (34%)





- Cyan (40%)
- Magenta (92%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.9380, 44.8936, 67.5834 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 76.9380, 44.8936, 67.5834 by changing the saturation by 10% instead.


 76.9380, 44.8936,
67.5834


 76.9380, 44.8936,
67.5834


255.0000, 0.0000,
0.0000

 53.7480, 43.0152,
63.3650


 139.9930, 41.4155,
63.1501


 42.4120, 35.7859,
48.7507


 168.7050, 41.5574,
64.2797


 31.1900, 28.9933,
34.0364

 189.8430, 32.1224,
57.1427

 20.9790, 22.1954,
21.0664

 206.2790, 24.0195,
42.7283

 6.5820, 17.4611,
-0.5104

 223.3020, 15.6271,
27.7991

 2.8670, 8.4466,
-2.5144

 240.3250, 7.2348,

 0.0000, 0.0000,

12.8700

0.0000

■ 76.9380, 44.8936,
67.5834

■ 76.9380, 44.8936,
67.5834

■ 66.3610, 50.1080,
75.1054

■ 87.5150, 39.6791,
60.0613

■ 64.6000, 50.9762,
76.6498

■ 97.7930, 34.6121,
51.9245

■ 107.7830, 29.6870,
44.9173

■ 118.0610, 24.6199,
36.7805

■ 128.6380, 19.4055,
29.2585

■ 139.2150, 14.1910,
21.7364

■ 149.4930, 9.1240,
13.5996

■ 159.4830, 4.1989,
6.5924

■ 169.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



70.0680, 70.4655, -61.4496



76.9380, 44.8936, 67.5834



70.2750, 17.1194, 109.3838

Triad

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



76.9380, 44.8936, 67.5834



85.1880, -41.9977, 30.5301



84.6220, 29.7664, -74.2135

Complementary

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



76.9380, 44.8936, 67.5834



111.0620, -44.8936, -67.5834

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.



75.5820, 0.2061, -66.2854



76.9380, 44.8936, 67.5834



76.3190, -37.6253, -18.6968

Square

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



76.9380, 44.8936, 67.5834



77.8210, -38.3658, 79.0870



65.1570, -32.1224, -57.1427



89.7180, 54.3690, -78.6827

Rectangle

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



76.9380, 44.8936, 67.5834



66.4550, -2.6893, 116.2420



65.1570, -32.1224, -57.1427



81.4130, 20.0094, -71.3992

Sweetspot

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



76.9380, 44.8936, 67.5834



184.0460, 17.2323, 26.2697



45.6770, 60.3052, -22.5187



88.8460, 10.4289, 15.0441



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



76.9380, 44.8936, 67.5834



84.4670, 66.3248, 100.4454



74.3980, 17.0588, 82.0890



79.0050, 2.4625, 3.5036



56.9380, 44.8936, 67.5834



7.6620, 6.0826, 9.0664

Inverse Universe

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



65.8480, -15.7011, 89.5873



67.8750, -23.1094, 132.5366



113.6020, -17.0588, -82.0890



78.5060, -0.7425, 4.8182



45.8480, -15.7011, 89.5873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 76.9380, 44.8936, 67.5834 looks on a white background.

Color Contrast Check

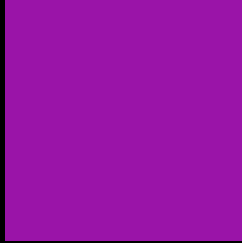
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 76.9380, 44.8936, 67.5834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

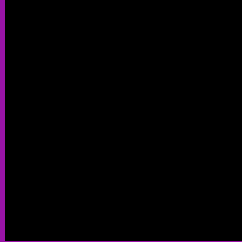
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.9380, 44.8936, 67.5834

Background



This preview shows how black text looks on a background with the YUV color 76.9380, 44.8936, 67.5834.



This preview shows how white text looks on a background with the YUV color 76.9380, 44.8936,

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

76.9380, 44.8936, 67.5834

Protanopia

72.8600, 55.7780, -63.8982

Deuteranopia

83.3780, 36.7886, -39.7965



Tritanopia

90.5820, -9.1609, 45.0936

Trichromacy



Original Color

76.9380, 44.8936, 67.5834



Protanomaly

74.1310, 51.7004, -15.9009



Deuteranomaly

81.1300, 39.8689, -0.9910



Tritanomaly

85.7890, 10.4570, 52.8050

Monochromacy



Original Color

76.9380, 44.8936, 67.5834



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

76.8070, 16.3641, 24.7253

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.9380, 44.8936, 67.5834 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(154, 20, 168)` looks like.

```
.text, #text, p{  
    color:rgb(154, 20, 168)  
}
```

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(154, 20, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 20, 168) }
```

Border

The CSS property to change the border of an element to YUV 76.9380, 44.8936, 67.5834 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(154, 20, 168) }
```


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

```
.border{ border-color:rgb(154, 20, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 20, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 20, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 20, 168);  
box-shadow:4px 4px 4px 4px rgb(154, 20,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 76.9380, 44.8936, 67.5834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 20, 168) }
```

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

```
.background{ background-color: rgb(154, 20,  
168) }
```

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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