

Converting Colors

YUV(52.4200, 43.6699, 39.9737)

Have a look what the booklet for
YUV(52.4200, 43.6699, 39.9737)
contains.

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Color

**YUV(52.4200, 43.6699,
39.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	620C8D
RGB	98, 12, 141
RGB Percent	38%, 5%, 55%
CMY	0.6157, 0.9529, 0.4471
CMYK	0.30, 0.91, 0.00, 0.45
HSL	280°, 84%, 30%
HSV	280°, 91%, 55%
XYZ	9.9762, 4.7827, 25.5967
YIQ	52.4200, 9.8470, 58.3510

Conversions

Conversions Part 2

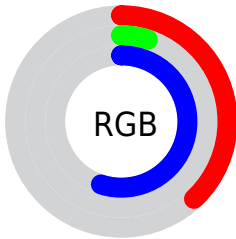
Format	Color
R_{YB}	98, 12, 141
Decimal	6425741
CIE _{Lab}	26.11, 54.36, -50.84
CIE _{LCh}	26, 74.429, 316.919
Yxy	4.7827, 0.2472, 0.1185
Android (android.graphics.Color)	4284615821 (0xFF620C8D)
YUV	52.4200, 43.6699, 39.9737
Hunter-Lab	21.8694, 43.1552, -54.0864

Details

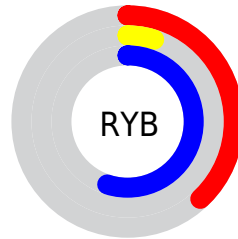
The YUV color **52.4200, 43.6699, 39.9737** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **100.5800, -43.6699, -39.9737**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3550, 42.2230, 37.3997**, and **23.1170, 32.9733, 17.4374** is the 20% darker color. If you saturate the color by 10%, you get **44.1800, 47.7323, 43.6921**, and if you desaturate by 10%, it is **62.1330, 38.8814, 35.8404**.

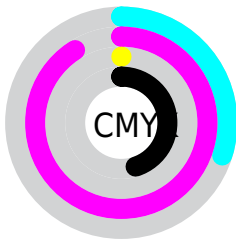
Distribution



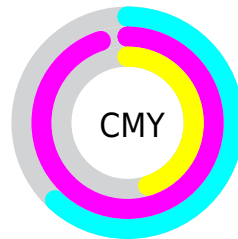
- Red (38%)
- Green (5%)
- Blue (55%)



- Red (38%)
- Yellow (5%)
- Blue (55%)



- Cyan (30%)
- Magenta (91%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4200, 43.6699, 39.9737 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 52.4200, 43.6699, 39.9737 by changing the saturation by 10% instead.

■ 52.4200, 43.6699,
39.9737

■ 52.4200, 43.6699,
39.9737

■ 255.0000, 0.0000,
0.0000

■ 34.3390, 39.7659,
32.1517

■ 110.3550, 42.2230,
37.3997

■ 23.1170, 32.9733,
17.4374

■ 137.4800, 42.6544,
39.0440

■ 11.8950, 26.1808,
2.7231

■ 165.3060, 43.2331,
40.0736

■ 6.5490, 17.4773,
-5.7435

■ 190.0540, 32.0184,
43.8026


■ 2.8670, 8.4466,
-2.5144


■ 210.9750, 21.7043,
38.6099


■ 0.0000, 0.0000,
0.0000


■ 227.4110, 13.6014,


24.1956


 244.4340, 5.2090,
9.2664


 52.4200, 43.6699,
39.9737


 52.4200, 43.6699,
39.9737


 44.1800, 47.7323,
43.6921

 62.1330, 38.8814,
35.8404

 71.5470, 34.2403,
31.0923

 81.2600, 29.4518,
26.9590

 90.9730, 24.6633,
22.8257

 101.2730, 19.5854,
18.1776

■ 110.6870, 14.9443,
13.4295

■ 120.4000, 10.1558,
9.2962

■ 130.1130, 5.3673,
5.1629

■ 139.5270, 0.7262,
0.4148

Harmonies

Analogous

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



55.0560, 58.6394, -48.2841



52.4200, 43.6699, 39.9737



53.5010, 17.5010, 80.2446

Triad

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



52.4200, 43.6699, 39.9737



58.3530, -28.7680, 33.8934



58.8500, 17.3289, -51.6114

Complementary

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



52.4200, 43.6699, 39.9737



100.5800, -43.6699, -39.9737

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.



50.8360, -8.3001, -44.5832



52.4200, 43.6699, 39.9737



54.2570, -26.7487, -7.2414

Square

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



52.4200, 43.6699, 39.9737



39.7670, -19.6051, 81.7653



45.1990, -22.2831, -39.6395



64.7780, 40.0424, -56.8103

Rectangle

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



52.4200, 43.6699, 39.9737



51.6750, 0.1602, 88.8620



45.1990, -22.2831, -39.6395



56.5700, 8.5930, -49.6119

Sweetspot

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



52.4200, 43.6699, 39.9737



149.5670, 16.9755, 15.2887



51.9470, 43.9031, -35.0335



71.4000, 10.1558, 9.2962



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



52.4200, 43.6699, 39.9737



57.4540, 62.3872, 56.6068



62.7690, 27.7219, 68.6086



66.2930, 2.3206, 2.3740



42.3000, 45.7011, 41.8329



2.4070, 2.7573, 2.2741

Inverse Universe

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



55.4730, -0.2332, 75.0072



61.9700, -0.4782, 107.0203



90.1170, -28.1587, -68.5086



66.4350, 0.2785, 4.0035



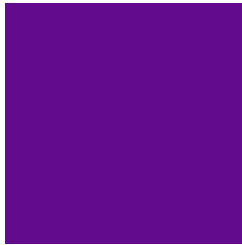
45.4950, -0.2440, 78.4959



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 52.4200, 43.6699, 39.9737 looks on a white background.

Color Contrast Check

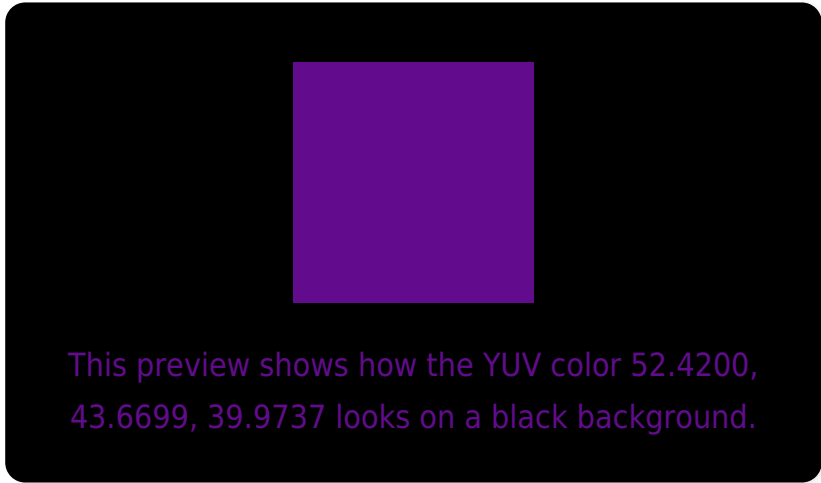
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4200, 43.6699, 39.9737

Background



This preview shows how black text looks on a background with the YUV color 52.4200, 43.6699, 39.9737.



This preview shows how white text looks on a background with the YUV color 52.4200, 43.6699,

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

52.4200, 43.6699, 39.9737

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.0370, 30.5478, -44.7594



Tritanopia

64.8280, -2.3802, 16.8138

Trichromacy



Original Color

52.4200, 43.6699, 39.9737

Protanomaly

51.8680, 40.4911, -13.9162

Deuteranomaly

51.7880, 35.1075, -13.8461

Tritanomaly

60.2370, 14.1802, 25.2252

Monochromacy



Original Color

52.4200, 43.6699, 39.9737

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9260, 15.8125, 14.9739

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4200, 43.6699, 39.9737 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(98, 12, 141)` looks like.

```
.text, #text, p{  
    color:rgb(98, 12, 141)  
}
```

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(98, 12, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 12, 141) }
```

Border

The CSS property to change the border of an element to YUV 52.4200, 43.6699, 39.9737 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(98, 12, 141) }
```


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

```
.border{ border-color:rgb(98, 12, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 12, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 12, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 12, 141);  
box-shadow:4px 4px 4px 4px rgb(98, 12,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 52.4200, 43.6699, 39.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 12, 141) }
```

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

```
.background{ background-color: rgb(98, 12,  
141) }
```

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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