

Converting Colors

YUV(102.5840, 24.8551,
54.7388)

Have a look what the booklet for
YUV(102.5840, 24.8551, 54.7388)
contains.

YUV(102.5840, 24.8551, 54.7388)	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(102.5840, 24.8551,
54.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	A53D99
RGB	165, 61, 153
RGB Percent	65%, 24%, 60%
CMY	0.3529, 0.7608, 0.4000
CMYK	0.00, 0.63, 0.07, 0.35
HSL	307°, 46%, 44%
HSV	307°, 63%, 65%
XYZ	22.9356, 13.6367, 31.5603
YIQ	102.5840, 32.4520, 50.6600

Conversions

Conversions Part 2

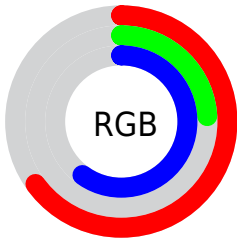
Format	Color
R_{YB}	165, 61, 153
Decimal	10829209
CIE _{Lab}	43.71, 53.93, -29.42
CIE _{LCh}	44, 61.428, 331.388
Yxy	13.6367, 0.3366, 0.2001
Android (android.graphics.Color)	4289019289 (0xFFA53D99)
YUV	102.5840, 24.8551, 54.7388
Hunter-Lab	36.9279, 46.2406, -24.8224

Details

The YUV color **102.5840, 24.8551, 54.7388** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **123.4160, -24.8551, -54.7388**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5950, 24.8497, 56.4832**, and **44.5180, 28.3386, 57.4277** is the 20% darker color. If you saturate the color by 10%, you get **92.3770, 28.9011, 63.6904**, and if you desaturate by 10%, it is **112.7910, 20.8090, 45.7873**.

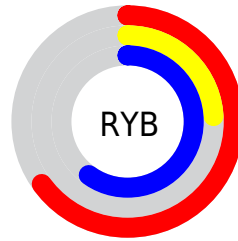
Distribution



Red (65%)

Green (24%)

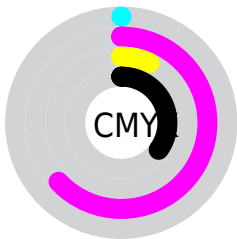
Blue (60%)



Red (65%)

Yellow (24%)

Blue (60%)

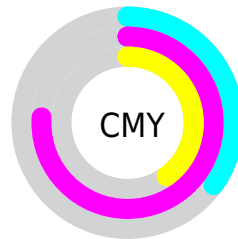


Cyan (0%)

Magenta (63%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.5840, 24.8551, 54.7388 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 102.5840, 24.8551, 54.7388 by changing the saturation by 10% instead.

102.5840, 24.8551,
54.7388

102.5840, 24.8551,
54.7388

255.0000, 0.0000,
0.0000

74.2250, 26.0181,
55.0537

157.5950, 24.8497,
56.4832

44.5180, 28.3386,
57.4277

186.1930, 24.5549,
57.7127

33.5950, 21.3987,
43.3282

205.1050, 24.5982,
43.7579

23.4980, 15.0375,
30.2583

222.1280, 16.2059,
28.8287

13.2160, 9.2605,
16.4736

238.5640, 8.1029,
14.4144

0.3420, 1.3104,
-0.2999

0.0000, 0.0000,

0.0000

■ 102.5840, 24.8551,
54.7388

■ 102.5840, 24.8551,
54.7388

■ 92.3770, 28.9011,
63.6904

■ 112.7910, 20.8090,
45.7873

■ 82.7570, 32.6578,
72.1271

■ 122.4110, 17.0524,
37.3506

■ 73.1370, 36.4145,
80.5639

■ 132.0310, 13.2957,
28.9138

■ 65.9790, 39.4504,
86.8414

■ 142.2380, 9.2497,
19.9623

■ 152.4450, 5.2036,
11.0107

■ 161.9510, 1.0102,
2.6740

■ 172.1580, -3.0359,
-6.2776

■ 181.7780, -6.7926,
-14.7143

■ 191.9850,
-10.8386, -23.6658

Harmonies

Analogous

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



103.9280, 42.9265, -1.6909



102.5840, 24.8551, 54.7388



93.2060, 4.8284, 84.8883

Triad

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



102.5840, 24.8551, 54.7388



96.6510, -47.6489, 23.1081



91.0450, 31.5298, -79.8465

Complementary

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



102.5840, 24.8551, 54.7388



123.4160, -24.8551, -54.7388

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.



85.2310, 9.2531, -74.7476



102.5840, 24.8551, 54.7388



88.7340, -43.7459, -15.5527

Square

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



102.5840, 24.8551, 54.7388



95.9850, -47.3206, 57.8952



77.4280, -13.0290, -67.9044



93.0290, 49.2857, -81.5864

Rectangle

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



102.5840, 24.8551, 54.7388



93.2650, -11.4696, 85.7136



77.4280, -13.0290, -67.9044



89.8080, 24.2517, -78.7616

Sweetspot

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



102.5840, 24.8551, 54.7388



190.0640, 9.8284, 20.9919



75.8460, 43.9529, -4.2499



91.9830, 5.9244, 13.1699



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



102.5840, 24.8551, 54.7388



116.1530, 38.8716, 85.8118



96.8840, 3.0152, 59.7377



76.6030, 2.1677, 4.7332



58.0610, 34.9729, 76.2455



7.2060, 4.3354, 9.4663

Inverse Universe

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



102.5840, 24.8551, 54.7388



116.1530, 38.8716, 85.8118



129.1160, -3.0152, -59.7377



76.6030, 2.1677, 4.7332



58.0610, 34.9729, 76.2455



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 102.5840, 24.8551, 54.7388 looks on a white background.

Color Contrast Check

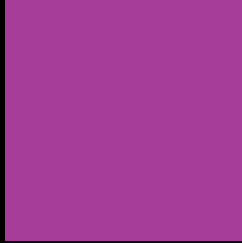
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.5840, 24.8551, 54.7388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

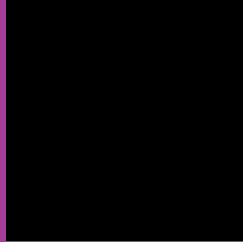
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 102.5840, 24.8551, 54.7388

Background



This preview shows how black text looks on a background with the YUV color 102.5840, 24.8551, 54.7388.



This preview shows how white text looks on a background with the YUV color 102.5840, 24.8551, 54.7388.

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

102.5840, 24.8551, 54.7388

Protanopia

99.2570, 43.7503, -32.6744

Deuteranopia

103.7160, 20.8460, -12.9059



Tritanopia

104.0060, -8.8770, 47.3527

Trichromacy



Original Color

102.5840, 24.8551, 54.7388

Protanomaly

100.0330, 36.9587, -0.9059

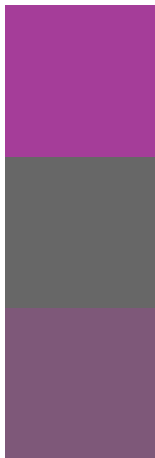
Deuteranomaly

103.6250, 22.3699, 11.7299

Tritanomaly

103.5300, 3.1897, 50.4012

Monochromacy



Original Color

102.5840, 24.8551, 54.7388

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1240, 8.8129, 20.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5840, 24.8551, 54.7388 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(165, 61, 153)` looks like.

```
.text, #text, p{  
    color:rgb(165, 61, 153)  
}
```

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(165, 61, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 61, 153) }
```

Border

The CSS property to change the border of an element to YUV 102.5840, 24.8551, 54.7388 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(165, 61, 153) }
```


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

```
.border{ border-color:rgb(165, 61, 153) }
```

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

Here you see how a box with a 4 pixel rgb(165, 61, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 61, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 61, 153);  
box-shadow:4px 4px 4px 4px rgb(165, 61,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 102.5840, 24.8551, 54.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 61, 153) }
```

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

```
.background{ background-color: rgb(165, 61,  
153) }
```

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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