

Converting Colors

YUV(99.2040, 24.5494, 59.4571)

Have a look what the booklet for
YUV(99.2040, 24.5494, 59.4571)
contains.

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Color

**YUV(99.2040, 24.5494,
59.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	A73795
RGB	167, 55, 149
RGB Percent	65%, 22%, 58%
CMY	0.3451, 0.7843, 0.4157
CMYK	0.00, 0.67, 0.11, 0.35
HSL	310°, 50%, 44%
HSV	310°, 67%, 65%
XYZ	22.7274, 13.1178, 29.7679
YIQ	99.2040, 36.5780, 52.9780

Conversions

Conversions Part 2

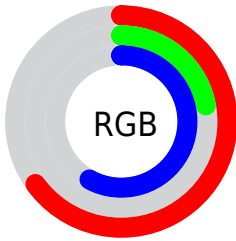
Format	Color
R_{YB}	167, 55, 149
Decimal	10958741
CIE _{Lab}	42.94, 56.29, -28.18
CIE _{LCh}	43, 62.951, 333.403
Yxy	13.1178, 0.3464, 0.1999
Android (android.graphics.Color)	4289148821 (0xFFA73795)
YUV	99.2040, 24.5494, 59.4571
Hunter-Lab	36.2185, 48.6276, -23.3774

Details

The YUV color **99.2040, 24.5494, 59.4571** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **122.7960, -24.5494, -59.4571**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9870, 23.6704, 61.4014**, and **44.6600, 26.2966, 59.0572** is the 20% darker color. If you saturate the color by 10%, you get **88.8830, 28.1587, 68.5086**, and if you desaturate by 10%, it is **109.5250, 20.9402, 50.4056**.

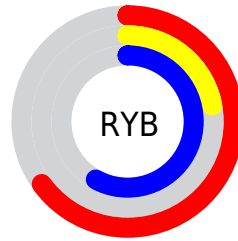
Distribution



Red (65%)

Green (22%)

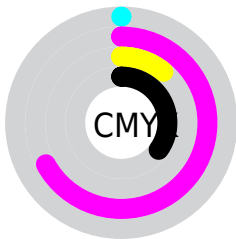
Blue (58%)



Red (65%)

Yellow (22%)

Blue (58%)

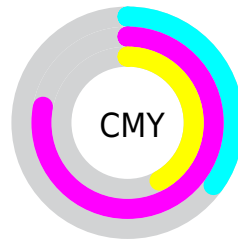


Cyan (0%)

Magenta (67%)

Yellow (11%)

Black (35%)



Cyan (35%)

Magenta (78%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2040, 24.5494, 59.4571 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 99.2040, 24.5494, 59.4571 by changing the saturation by 10% instead.

■ 99.2040, 24.5494,
59.4571

■ 99.2040, 24.5494,
59.4571

■ 255.0000, 0.0000,
0.0000

■ 69.0840, 26.5806,
61.3163

■ 154.9870, 23.6704,
61.4014

■ 44.6600, 26.2966,
59.0572

■ 183.4000, 23.9598,
61.9162

■ 33.8510, 19.7935,
44.8577

■ 202.7570, 25.7558,
45.8171

■ 23.4550, 13.5797,
31.1730

■ 219.1930, 17.6529,
31.4027

■ 13.1730, 7.8027,
17.3883

■ 236.2160, 9.2605,
16.4736

■ 0.0000, 0.0000,
0.0000

■ 253.2390, 0.8682,

1.5444

■ 99.2040, 24.5494,
59.4571

■ 99.2040, 24.5494,
59.4571

■ 88.8830, 28.1587,
68.5086

■ 109.5250, 20.9402,
50.4056

■ 79.2630, 31.9153,
76.9453

■ 119.1450, 17.1835,
41.9688

■ 68.9420, 35.5246,
85.9969

■ 129.4660, 13.5743,
32.9173

■ 65.8930, 36.5348,
88.6708

■ 139.7870, 9.9650,
23.8658

■ 149.9940, 5.9190,
14.9143

■ 159.7280, 2.5991,
6.3775

■ 170.0490, -1.0102,
-2.6740

■ 180.2560, -5.0562,
-11.6255

■ 189.9900, -8.3761,
-20.1622

Harmonies

Analogous

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



102.2490, 42.7682, 2.4126



99.2040, 24.5494, 59.4571



88.8260, 4.5228, 89.6066

Triad

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



99.2040, 24.5494, 59.4571



94.5690, -46.6225, 20.5490



90.8000, 33.1296, -79.6316

Complementary

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



99.2040, 24.5494, 59.4571



122.7960, -24.5494, -59.4571

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.



84.8720, 10.4161, -74.4327



99.2040, 24.5494, 59.4571



86.0540, -42.4246, -19.3414

Square

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



99.2040, 24.5494, 59.4571



94.5010, -46.5890, 56.5656



76.8410, -12.7396, -67.3896



92.0830, 50.7381, -80.7568

Rectangle

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



99.2040, 24.5494, 59.4571



89.9340, -12.7855, 87.7579



76.8410, -12.7396, -67.3896



88.9760, 26.1408, -78.0320

Sweetspot

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



99.2040, 24.5494, 59.4571



190.3740, 9.6756, 23.3510



72.8510, 46.4155, -0.7463



93.5810, 5.6296, 14.3995



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.



99.2040, 24.5494, 59.4571



111.6700, 38.1237, 92.3744



92.9340, 0.5255, 64.9559



79.1900, 1.8783, 4.2184



58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959

Inverse Universe

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



99.2040, 24.5494, 59.4571



111.6700, 38.1237, 92.3744



129.0660, -0.5255, -64.9559



79.1900, 1.8783, 4.2184



58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 99.2040, 24.5494, 59.4571 looks on a white background.

Color Contrast Check

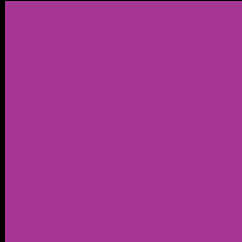
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.2040, 24.5494, 59.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

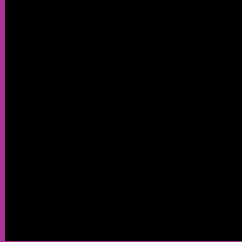
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2040, 24.5494, 59.4571

Background



This preview shows how black text looks on a background with the YUV color 99.2040, 24.5494, 59.4571.



This preview shows how white text looks on a background with the YUV color 99.2040, 24.5494,

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

99.2040, 24.5494, 59.4571

Protanopia

96.7730, 44.4819, -34.0039

Deuteranopia

102.0860, 19.6776, -11.4764



Tritanopia

100.9850, -10.3456, 51.7562

Trichromacy



Original Color

99.2040, 24.5494, 59.4571

Protanomaly

97.7450, 37.1007, 0.2236

Deuteranomaly

100.8210, 21.7802, 14.1890

Tritanomaly

100.6230, 2.1579, 54.7046

Monochromacy



Original Color

99.2040, 24.5494, 59.4571

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1350, 8.8074, 21.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2040, 24.5494, 59.4571 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(167, 55, 149)` looks like.

```
.text, #text, p{  
    color:rgb(167, 55, 149)  
}
```

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(167, 55, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 55, 149) }
```

Border

The CSS property to change the border of an element to YUV 99.2040, 24.5494, 59.4571 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(167, 55, 149) }
```


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

```
.border{ border-color:rgb(167, 55, 149) }
```

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

Here you see how a box with a 4 pixel rgb(167, 55, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 55, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 55, 149);  
box-shadow:4px 4px 4px 4px rgb(167, 55,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 99.2040, 24.5494, 59.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 55, 149) }
```

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

```
.background{ background-color: rgb(167, 55,  
149) }
```

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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