

Converting Colors

YUV(79.2420, 33.4047, 19.0818)

Have a look what the booklet for
YUV(79.2420, 33.4047, 19.0818)
contains.

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Color

**YUV(79.2420, 33.4047,
19.0818)**

Conversions

Conversions Part 1

Format	Color
Hex	653793
RGB	101, 55, 147
RGB Percent	40%, 22%, 58%
CMY	0.6039, 0.7843, 0.4235
CMYK	0.31, 0.63, 0.00, 0.42
HSL	270°, 46%, 40%
HSV	270°, 63%, 58%
XYZ	11.9995, 7.6057, 28.4394
YIQ	79.2420, -2.1160, 38.3640

Conversions

Conversions Part 2

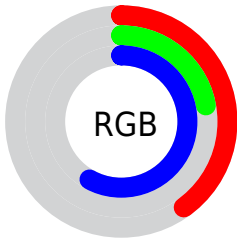
Format	Color
R _Y B	101, 55, 147
Decimal	6633363
CIE Lab	33.15, 38.99, -43.11
CIE LCh	33, 58.121, 312.126
Yxy	7.6057, 0.2498, 0.1583
Android (android.graphics.Color)	4284823443 (0xFF653793)
YUV	79.2420, 33.4047, 19.0818
Hunter-Lab	27.5784, 29.4041, -41.8362

Details

The YUV color **79.2420, 33.4047, 19.0818** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **122.7580, -33.4047, -19.0818**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4210, 35.2884, 21.5558**, and **28.5300, 33.2627, 17.9522** is the 20% darker color. If you saturate the color by 10%, you get **68.3440, 38.7774, 22.5003**, and if you desaturate by 10%, it is **90.1400, 28.0320, 15.6632**.

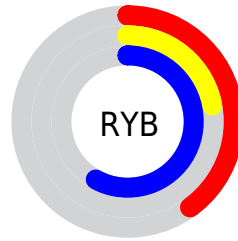
Distribution



Red (40%)

Green (22%)

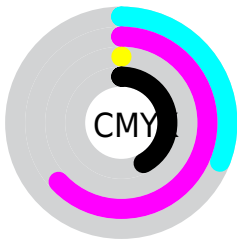
Blue (58%)



Red (40%)

Yellow (22%)

Blue (58%)

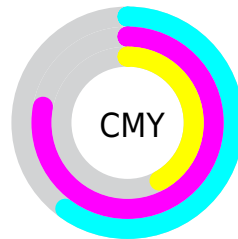


Cyan (31%)

Magenta (63%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (78%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.2420, 33.4047, 19.0818 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 79.2420, 33.4047, 19.0818 by changing the saturation by 10% instead.

■ 79.2420, 33.4047,
19.0818

■ 79.2420, 33.4047,
19.0818

■ 255.0000, 0.0000,
0.0000

■ 54.4160, 32.8259,
18.0522

■ 130.4210, 35.2884,
21.5558

■ 28.5300, 33.2627,
17.9522

■ 157.2470, 35.8672,
22.5854

■ 15.2700, 27.4749,
7.6562

■ 184.3180, 34.8462,
23.4001

■ 5.4720, 20.9663,
-4.7989

■ 208.8380, 22.7579,
27.3291

■ 3.5510, 11.0674,
-3.1142

■ 229.7590, 12.4438,
22.1364

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,

■ 79.2420, 33.4047,
19.0818

■ 79.2420, 33.4047,
19.0818

■ 68.3440, 38.7774,
22.5003

■ 90.1400, 28.0320,
15.6632

■ 57.7340, 44.0081,
24.7893

■ 100.7500, 22.8013,
13.3743

■ 46.8360, 49.3809,
28.2078

■ 111.6480, 17.4285,
9.9557

■ 38.8840, 53.3012,
30.7967

■ 122.5460, 12.0558,
6.5372

■ 133.7430, 6.5357,
3.7334

■ 144.0540, 1.4524,
0.8296

■ 154.9520, -3.9203,
-2.5889

■ 166.1490, -9.4405,
-5.3927

■ 176.4600,
-14.5238, -8.2964

Harmonies

Analogous

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



65.0520, 51.2464, -57.0506



79.2420, 33.4047, 19.0818



68.1680, 19.1442, 66.5047

Triad

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



79.2420, 33.4047, 19.0818



73.4370, -36.2044, 39.0818



67.8830, 13.8617, -59.5334

Complementary

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



79.2420, 33.4047, 19.0818



122.7580, -33.4047, -19.0818

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.



61.8240, -6.8152, -54.2196



79.2420, 33.4047, 19.0818



71.7550, -35.3752, 6.3539

Square

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



79.2420, 33.4047, 19.0818



68.6590, -25.9609, 66.9511



58.5000, -28.8405, -36.3955



72.1980, 32.9334, -63.3176

Rectangle

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



79.2420, 33.4047, 19.0818



56.8840, 9.9172, 86.0477



58.5000, -28.8405, -36.3955



66.0590, 6.8729, -57.9337

Sweetspot

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



79.2420, 33.4047, 19.0818



164.4860, 13.0714, 7.4668



92.4900, 26.8734, -32.8787



80.7970, 7.9881, 4.5630



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



79.2420, 33.4047, 19.0818



85.8300, 51.8488, 29.9671



92.9960, 26.6240, 47.3615



68.6950, 2.6154, 1.1445



36.3630, 50.1070, 28.6226



2.6350, 3.6309, 2.0741

Inverse Universe

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



87.7520, 6.5313, 51.9605



98.9650, 10.3703, 80.7147



109.0040, -26.6240, -47.3615



69.4350, 0.2785, 4.0035



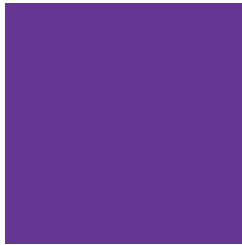
49.1280, 9.7969, 77.9407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 79.2420, 33.4047, 19.0818 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



This preview shows how the YUV color 79.2420, 33.4047, 19.0818 looks on a 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 79.2420, 33.4047, 19.0818

Background



This preview shows how black text looks on a background with the YUV color 79.2420, 33.4047, 19.0818.



This preview shows how white text looks on a background with the YUV color 79.2420, 33.4047,

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

79.2420, 33.4047, 19.0818

Protanopia

62.9660, 48.3308, -55.2212

Deuteranopia

63.0340, 38.4372, -55.2808



Tritanopia

78.8700, 0.5571, 8.0070

Trichromacy



Original Color

79.2420, 33.4047, 19.0818

Protanomaly

68.7630, 43.0078, -27.8562

Deuteranomaly

69.0420, 36.4613, -28.1008

Tritanomaly

78.9920, 12.3289, 12.2850

Monochromacy



Original Color

79.2420, 33.4047, 19.0818

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9590, 12.3452, 7.0520

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.2420, 33.4047, 19.0818 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(101, 55, 147)` looks like.

```
.text, #text, p{  
    color:rgb(101, 55, 147)  
}
```

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(101, 55, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 55, 147) }
```

Border

The CSS property to change the border of an element to YUV 79.2420, 33.4047, 19.0818 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(101, 55, 147) }
```


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

```
.border{ border-color:rgb(101, 55, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 55, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 55, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 55, 147);  
box-shadow:4px 4px 4px 4px rgb(101, 55,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 79.2420, 33.4047, 19.0818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 55, 147) }
```

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

```
.background{ background-color: rgb(101, 55,  
147) }
```

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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