

Converting Colors

YUV(79.0420, 9.8393, 17.5032)

Have a look what the booklet for
YUV(79.0420, 9.8393, 17.5032)
contains.

YUV(79.0420, 9.8393, 17.5032)	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(79.0420, 9.8393,
17.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	634163
RGB	99, 65, 99
RGB Percent	39%, 25%, 39%
CMY	0.6118, 0.7451, 0.6118
CMYK	0.00, 0.34, 0.00, 0.61
HSL	300°, 21%, 32%
HSV	300°, 34%, 39%
XYZ	9.2880, 7.3341, 12.7305
YIQ	79.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

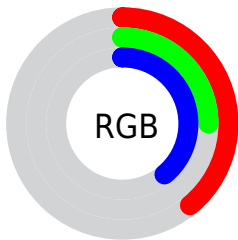
Format	Color
RYB	99, 65, 99
Decimal	6504803
CIELab	32.56, 21.01, -14.08
CIElCh	33, 25.292, 326.172
Yxy	7.3341, 0.3164, 0.2499
Android (android.graphics.Color)	4284694883 (0xFF634163)
YUV	79.0420, 9.8393, 17.5032
Hunter-Lab	27.0815, 13.8266, -8.9139

Details

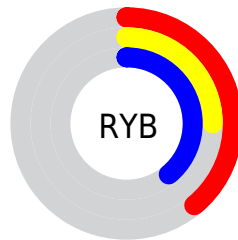
The YUV color **79.0420, 9.8393, 17.5032** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **84.9580, -9.8393, -17.5032**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2810, 10.7075, 19.0476**, and **33.5040, 9.1185, 15.3440** is the 20% darker color. If you saturate the color by 10%, you get **73.1720, 12.7332, 22.6512**, and if you desaturate by 10%, it is **84.9120, 6.9454, 12.3552**.

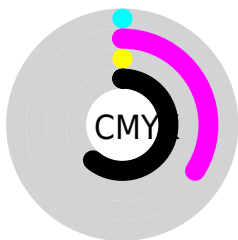
Distribution



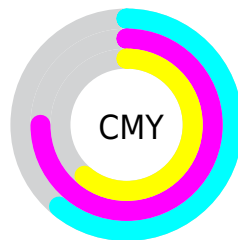
- Red (39%)
- Green (25%)
- Blue (39%)



- Red (39%)
- Yellow (25%)
- Blue (39%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (61%)



- Cyan (61%)
- Magenta (75%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0420, 9.8393, 17.5032 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 79.0420, 9.8393, 17.5032 by changing the saturation by 10% instead.

79.0420, 9.8393,
17.5032

79.0420, 9.8393,
17.5032

255.0000, 0.0000,
0.0000

55.6290, 9.5499,
16.9884

128.2810, 10.7075,
19.0476

33.5040, 9.1185,
15.3440

154.6940, 10.9969,
19.5624

13.1020, 8.8237,
16.5735

181.9930, 10.8495,
20.1771

0.3420, 1.3104,
-0.2999

209.4060, 11.1388,
20.6919

0.0000, 0.0000,
0.0000

235.0420, 9.8393,
17.5032

252.0650, 1.4470,

2.5740

■ 79.0420, 9.8393,
17.5032

■ 79.0420, 9.8393,
17.5032

■ 73.1720, 12.7332,
22.6512

■ 84.9120, 6.9454,
12.3552

■ 67.3020, 15.6271,
27.7991

■ 90.7820, 4.0515,
7.2072

■ 61.4320, 18.5210,
32.9471

■ 96.6520, 1.1576,
2.0592

■ 55.5620, 21.4149,
38.0951

■ 102.5220, -1.7363,
-3.0888

■ 49.6920, 24.3088,
43.2431

■ 108.3920, -4.6303,
-8.2368

■ 44.4090, 26.9134,
47.8763

■ 113.6750, -7.2348,
-12.8700

■ 40.8870, 28.6497,
50.9651

■ 119.5450,
-10.1287, -18.0180

■ 125.4150,
-13.0226, -23.1660

■ 131.2850,
-15.9165, -28.3139

Harmonies

Analogous

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



77.4570, 17.0297, -2.1548



79.0420, 9.8393, 17.5032



78.4150, 0.7814, 29.4540

Triad

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



79.0420, 9.8393, 17.5032



75.3380, -19.3936, 13.7356



61.6710, 15.4452, -54.0855

Complementary

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



79.0420, 9.8393, 17.5032



84.9580, -9.8393, -17.5032

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.



62.6800, 5.0878, -45.3234



79.0420, 9.8393, 17.5032



73.3360, -16.4346, -2.0487

Square

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



79.0420, 9.8393, 17.5032



76.0390, -15.7952, 26.2758



70.1040, -7.9393, -20.2622



61.7340, 23.3021, -54.1407

Rectangle

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



79.0420, 9.8393, 17.5032



77.7160, -5.7760, 32.6981



70.1040, -7.9393, -20.2622



60.9870, 12.8244, -53.4856

Sweetspot

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



79.0420, 9.8393, 17.5032



120.3690, 3.7621, 6.6924



68.8760, 14.8511, -3.3993



59.3040, 2.3151, 4.1184



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



79.0420, 9.8393, 17.5032



96.8890, 15.3377, 27.2843



77.1040, 2.4137, 19.2028



45.6520, 1.1576, 2.0592



46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Inverse Universe

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



79.0420, 9.8393, 17.5032



96.8890, 15.3377, 27.2843



86.8960, -2.4137, -19.2028



45.6520, 1.1576, 2.0592



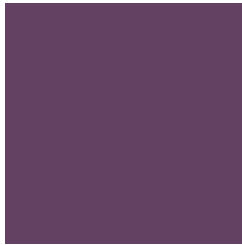
46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 79.0420, 9.8393, 17.5032 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 79.0420, 9.8393, 17.5032 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 79.0420, 9.8393, 17.5032

Background



This preview shows how black text looks on a background with the YUV color 79.0420, 9.8393, 17.5032.

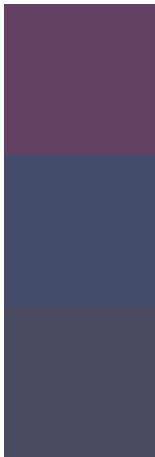


This preview shows how white text looks on a background with the YUV color 79.0420, 9.8393,

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

79.0420, 9.8393, 17.5032

Protanopia

76.8430, 14.8674, -8.6323

Deuteranopia

77.2090, 9.7570, -2.8143



Tritanopia

78.3440, -1.6486, 15.4843

Trichromacy



Original Color

79.0420, 9.8393, 17.5032

Protanomaly

77.7410, 12.9457, 1.1041

Deuteranomaly

77.6660, 10.0247, 4.6779

Tritanomaly

78.4950, 2.7140, 16.2289

Monochromacy



Original Color

79.0420, 9.8393, 17.5032

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0420, 9.8393, 17.5032 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(99, 65, 99)` looks like.

```
.text, #text, p{  
    color:rgb(99, 65, 99)  
}
```

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(99, 65, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 65, 99) }
```

Border

The CSS property to change the border of an element to YUV 79.0420, 9.8393, 17.5032 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(99, 65, 99) }
```


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

```
.border{ border-color:rgb(99, 65, 99) }
```

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

Here you see how a box with a 4 pixel rgb(99, 65, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 65, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 65, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 65, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.0420, 9.8393, 17.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 65, 99) }
```

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

```
.background{ background-color: rgb(99, 65,  
99) }
```

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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