

Converting Colors

YUV(39.8920, 24.2102, 28.1587)

Have a look what the booklet for
YUV(39.8920, 24.2102, 28.1587)
contains.

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Color

**YUV(39.8920, 24.2102,
28.1587)**

Conversions

Conversions Part 1

Format	Color
Hex	480E59
RGB	72, 14, 89
RGB Percent	28%, 5%, 35%
CMY	0.7176, 0.9451, 0.6510
CMYK	0.19, 0.84, 0.00, 0.65
HSL	286°, 73%, 20%
HSV	286°, 84%, 35%
XYZ	4.6327, 2.4131, 9.6728
YIQ	39.8920, 10.4930, 35.6210

Conversions

Conversions Part 2

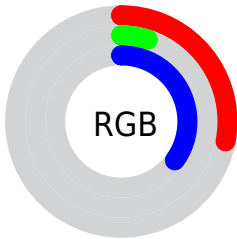
Format	Color
R_{YB}	72, 14, 89
Decimal	4722265
CIE _{Lab}	17.52, 38.16, -31.45
CIE _{LCh}	18, 49.444, 320.507
Yxy	2.4131, 0.2771, 0.1443
Android (android.graphics.Color)	4282912345 (0xFF480E59)
YUV	39.8920, 24.2102, 28.1587
Hunter-Lab	15.5340, 26.0493, -26.0451

Details

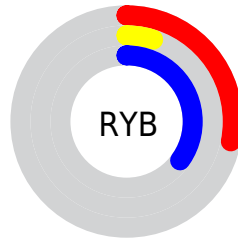
The YUV color **39.8920, 24.2102, 28.1587** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **63.1080, -24.2102, -28.1587**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.3050, 24.4996, 28.6735**, and **12.6760, 14.9497, 11.6851** is the 20% darker color. If you saturate the color by 10%, you get **34.0110, 27.1096, 31.5624**, and if you desaturate by 10%, it is **45.7730, 21.3109, 24.7551**.

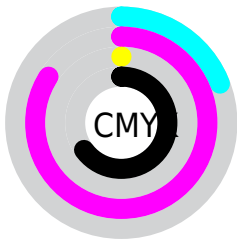
Distribution



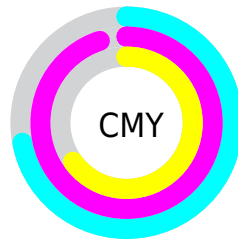
- Red (28%)
- Green (5%)
- Blue (35%)



- Red (28%)
- Yellow (5%)
- Blue (35%)



- Cyan (19%)
- Magenta (84%)
- Yellow (0%)
- Black (65%)



- Cyan (72%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.8920, 24.2102, 28.1587 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 39.8920, 24.2102, 28.1587 by changing the saturation by 10% instead.

■ 39.8920, 24.2102,
28.1587

■ 39.8920, 24.2102,
28.1587

■ 253.8260, 0.5788,
1.0296

■ 21.4630, 21.4637,
22.3959

■ 90.3050, 24.4996,
28.6735

■ 12.6760, 14.9497,
11.6851

■ 116.0170, 24.6416,
29.8031

■ 2.9810, 8.8834,
-2.6143

■ 142.8430, 25.2204,
30.8327

■ 0.0000, 0.0000,
0.0000


■ 169.6690, 25.7992,
31.8623


■ 197.0820, 26.0886,
32.3771


■ 219.7800, 17.3635,


30.8879


 236.8030, 8.9711,
15.9588


 39.8920, 24.2102,
28.1587


 39.8920, 24.2102,
28.1587


 34.0110, 27.1096,
31.5624


 45.7730, 21.3109,
24.7551

 30.7770, 28.7039,
33.5216

 51.6540, 18.4116,
21.3514

 57.5350, 15.5122,
17.9478

 63.4160, 12.6129,
14.5442

 68.7100, 10.0030,
11.6553

■ 74.5910, 7.1036,
8.2517

■ 80.4720, 4.2043,
4.8481

■ 86.3530, 1.3050,
1.4444

■ 92.2340, -1.5944,
-1.9592

Harmonies

Analogous

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



35.5470, 37.1983, -31.1747



39.8920, 24.2102, 28.1587



35.6860, 10.0148, 54.6494

Triad

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



39.8920, 24.2102, 28.1587



41.4420, -20.4309, 19.7834



41.0970, 12.7702, -36.0421

Complementary

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



39.8920, 24.2102, 28.1587



63.1080, -24.2102, -28.1587

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.



36.2920, -3.1020, -31.8281



39.8920, 24.2102, 28.1587



37.4450, -18.4604, -5.6523

Square

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



39.8920, 24.2102, 28.1587



35.7040, -17.6021, 45.8636



31.6980, -15.6271, -27.7991



44.0440, 26.6003, -38.6266

Rectangle

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



39.8920, 24.2102, 28.1587



34.1460, -1.0580, 59.5080



31.6980, -15.6271, -27.7991



39.7290, 7.5286, -34.8423

Sweetspot

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



39.8920, 24.2102, 28.1587



95.8840, 9.4242, 10.6257



33.1160, 27.5508, -16.7647



47.2380, 5.7987, 6.8073



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



39.8920, 24.2102, 28.1587



39.7210, 37.1125, 43.2177



42.6950, 12.9684, 40.6095



40.3530, 1.3050, 1.4444



37.0150, 34.5026, 40.3288



80.9090, 75.9669, 87.7798

Inverse Universe

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



38.3630, -3.6300, 44.4086



37.3490, -5.5951, 68.0999



60.3050, -12.9684, -40.6095



40.3100, -0.1528, 2.3591



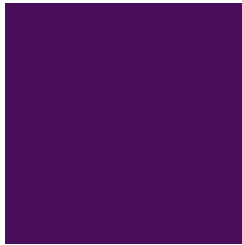
34.7290, -5.2894, 63.3817



76.3070, -11.4904, 139.1738

Previews

White Background



This preview shows how the YUV color 39.8920, 24.2102, 28.1587 looks on a white background.

Color Contrast Check

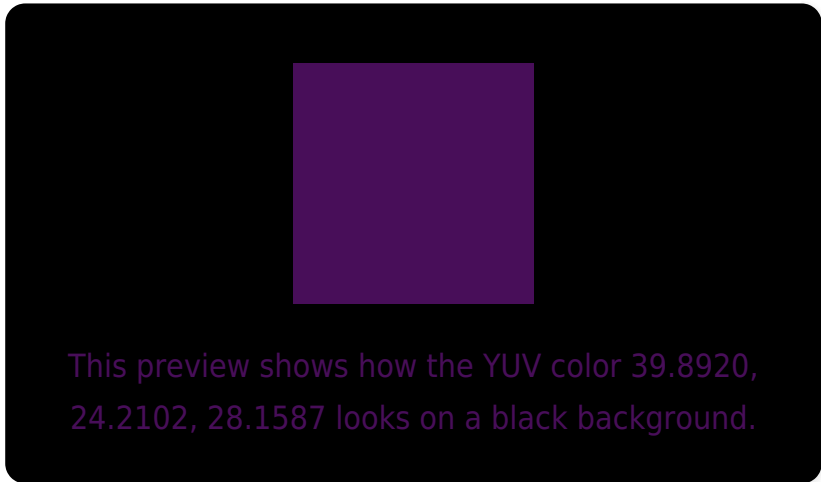
Large Text (above 18pt) WCAG AA ✓ Pass

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

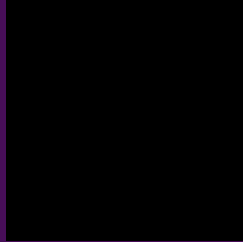
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.8920, 24.2102, 28.1587

Background



This preview shows how black text looks on a background with the YUV color 39.8920, 24.2102, 28.1587.



This preview shows how white text looks on a background with the YUV color 39.8920, 24.2102,

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

39.8920, 24.2102, 28.1587

Protanopia

36.3160, 27.4522, -31.8491

Deuteranopia

36.2360, 22.0687, -31.7790



Tritanopia

45.6000, -3.2538, 17.0138

Trichromacy



Original Color

39.8920, 24.2102, 28.1587

Protanomaly

37.5190, 26.3661, -10.1022

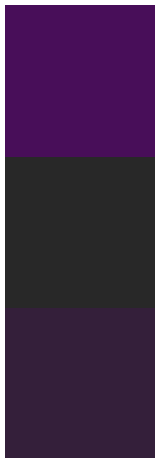
Deuteranomaly

37.3080, 23.0192, -9.9171

Tritanomaly

43.8530, 6.4815, 21.1769

Monochromacy



Original Color

39.8920, 24.2102, 28.1587

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.3570, 8.6980, 10.2109

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.8920, 24.2102, 28.1587 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(72, 14, 89)` looks like.

```
.text, #text, p{  
    color:rgb(72, 14, 89)  
}
```

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(72, 14, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 14, 89) }
```

Border

The CSS property to change the border of an element to YUV 39.8920, 24.2102, 28.1587 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(72, 14, 89) }
```


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

```
.border{ border-color:rgb(72, 14, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 14, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 14, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 14, 89);  
box-shadow:4px 4px 4px 4px rgb(72, 14, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.8920, 24.2102, 28.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 14, 89) }
```

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

```
.background{ background-color: rgb(72, 14,  
89) }
```

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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