

Converting Colors

YUV(39.0040, 31.0570, 25.4295)

Have a look what the booklet for
YUV(39.0040, 31.0570, 25.4295)
contains.

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Color

**YUV(39.0040, 31.0570,
25.4295)**

Conversions

Conversions Part 1

Format	Color
Hex	440C66
RGB	68, 12, 102
RGB Percent	27%, 5%, 40%
CMY	0.7333, 0.9529, 0.6000
CMYK	0.33, 0.88, 0.00, 0.60
HSL	277°, 79%, 22%
HSV	277°, 88%, 40%
XYZ	4.9136, 2.4512, 12.7845
YIQ	39.0040, 4.4860, 39.8620

Conversions

Conversions Part 2

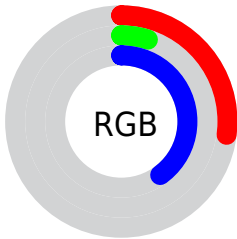
Format	Color
R _Y B	68, 12, 102
Decimal	4459622
CIE Lab	17.70, 41.02, -39.84
CIE LCh	18, 57.180, 315.837
Yxy	2.4512, 0.2439, 0.1217
Android (android.graphics.Color)	4282649702 (0xFF440C66)
YUV	39.0040, 31.0570, 25.4295
Hunter-Lab	15.6563, 28.6227, -37.4553

Details

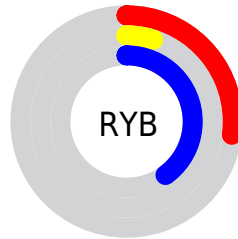
The YUV color **39.0040, 31.0570, 25.4295** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **74.9960, -31.0570, -25.4295**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.4170, 31.3464, 25.9443**, and **12.4350, 20.4915, 7.5115** is the 20% darker color. If you saturate the color by 10%, you get **31.9380, 34.5406, 28.1184**, and if you desaturate by 10%, it is **46.0700, 27.5735, 22.7406**.

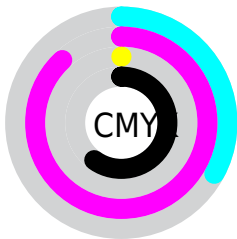
Distribution



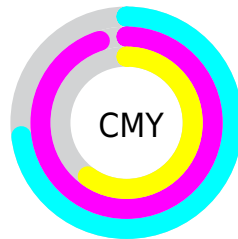
- Red (27%)
- Green (5%)
- Blue (40%)



- Red (27%)
- Yellow (5%)
- Blue (40%)



- Cyan (33%)
- Magenta (88%)
- Yellow (0%)
- Black (60%)



- Cyan (73%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.0040, 31.0570, 25.4295 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 39.0040, 31.0570, 25.4295 by changing the saturation by 10% instead.

39.0040, 31.0570,
25.4295

39.0040, 31.0570,
25.4295

253.2390, 0.8682,
1.5444

21.3360, 27.4424,
18.1223

90.4170, 31.3464,
25.9443

12.4350, 20.4915,
7.5115

116.2430, 31.9252,
26.9739

4.8220, 13.3988,
-4.2289

143.0690, 32.5040,
28.0035

0.3420, 1.3104,
-0.2999

169.8950, 33.0828,
29.0331


0.0000, 0.0000,
0.0000


196.4670, 28.8568,
31.1624


219.7800, 17.3635,

30.8879


 236.2160, 9.2605,
16.4736


 39.0040, 31.0570,
25.4295


 39.0040, 31.0570,
25.4295


 31.9380, 34.5406,
28.1184


 46.0700, 27.5735,
22.7406

 30.4650, 35.2668,
28.5332

 53.1360, 24.0900,
20.0517

 60.7890, 20.3170,
16.8480

 67.5560, 16.9809,
13.5444

 74.6220, 13.4974,
10.8555

■ 81.6880, 10.0138,
8.1666

■ 88.7540, 6.5303,
5.4777

■ 96.4070, 2.7573,
2.2741

■ 103.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



38.9040, 42.4453, -34.1188



39.0040, 31.0570, 25.4295



38.2070, 13.2089, 56.8235

Triad

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



39.0040, 31.0570, 25.4295



40.8880, -20.1578, 25.5312



42.0430, 11.3178, -36.8717

Complementary

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



39.0040, 31.0570, 25.4295



74.9960, -31.0570, -25.4295

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.



35.8530, -7.3225, -31.4431



39.0040, 31.0570, 25.4295



38.3420, -18.9026, -3.8079

Square

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



39.0040, 31.0570, 25.4295



29.0030, -14.2985, 59.6334



32.2850, -15.9165, -28.3139



45.7880, 28.2055, -40.1561

Rectangle

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



39.0040, 31.0570, 25.4295



37.2220, 0.3836, 63.8263



32.2850, -15.9165, -28.3139



39.8600, 5.4920, -34.9572

Sweetspot

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



39.0040, 31.0570, 25.4295



108.5680, 12.0450, 10.0259



42.8050, 29.1831, -27.0160



52.1670, 6.8197, 5.9925



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



39.0040, 31.0570, 25.4295



39.9790, 45.8594, 37.7294



48.0300, 21.6772, 47.3317



47.4670, 1.7418, 1.3444



34.3390, 39.7659, 32.1517



72.7370, 83.4467, 68.6367

Inverse Universe

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



42.7860, 1.5845, 51.9307



45.4670, 2.2348, 76.7664



66.0840, -21.2404, -47.4317



47.7230, 0.1366, 2.8739



39.2870, 1.8305, 66.4003



82.8460, 4.5129, 139.5781

Previews

White Background



This preview shows how the YUV color 39.0040, 31.0570, 25.4295 looks on a white background.

Color Contrast Check

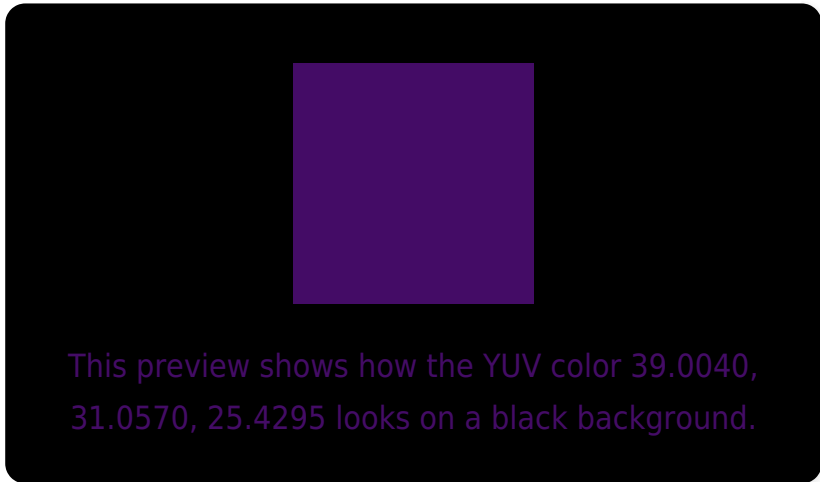
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0040, 31.0570, 25.4295

Background



This preview shows how black text looks on a background with the YUV color 39.0040, 31.0570, 25.4295.



This preview shows how white text looks on a background with the YUV color 39.0040, 31.0570,

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

39.0040, 31.0570, 25.4295

Protanopia

36.4300, 27.8890, -31.9491

Deuteranopia

36.7090, 21.3425, -32.1938



Tritanopia

46.1260, -1.0481, 9.5365

Trichromacy



Original Color

39.0040, 31.0570, 25.4295

Protanomaly

37.2030, 28.9869, -10.7020

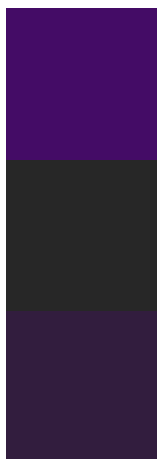
Deuteranomaly

37.4650, 24.9138, -10.9318

Tritanomaly

43.2590, 10.7183, 15.5589

Monochromacy



Original Color

39.0040, 31.0570, 25.4295

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0410, 11.3188, 9.6110

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.0040, 31.0570, 25.4295 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(68, 12, 102)` looks like.

```
.text, #text, p{  
    color:rgb(68, 12, 102)  
}
```

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(68, 12, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 12, 102) }
```

Border

The CSS property to change the border of an element to YUV 39.0040, 31.0570, 25.4295 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(68, 12, 102) }
```


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

```
.border{ border-color:rgb(68, 12, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 12, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 12, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 12, 102);  
box-shadow:4px 4px 4px 4px rgb(68, 12,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 39.0040, 31.0570, 25.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 12, 102) }
```

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

```
.background{ background-color: rgb(68, 12,  
102) }
```

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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