

Converting Colors

YUV(40.8070, 56.7901, 31.7413)

Have a look what the booklet for
YUV(40.8070, 56.7901, 31.7413)
contains.

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Color

**YUV(40.8070, 56.7901,
31.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	4D009C
RGB	77, 0, 156
RGB Percent	30%, 0%, 61%
CMY	0.6980, 1.0000, 0.3882
CMYK	0.51, 1.00, 0.00, 0.39
HSL	270°, 100%, 31%
HSV	270°, 100%, 61%
XYZ	9.0613, 3.9781, 31.7428
YIQ	40.8070, -4.1840, 64.8400

Conversions

Conversions Part 2

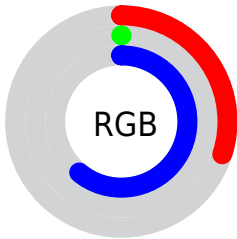
Format	Color
R_{YB}	77, 0, 156
Decimal	5046428
CIE _{Lab}	23.60, 57.73, -64.34
CIE _{LCh}	24, 86.442, 311.899
Yxy	3.9781, 0.2023, 0.0888
Android (android.graphics.Color)	4283236508 (0xFF4D009C)
YUV	40.8070, 56.7901, 31.7413
Hunter-Lab	19.9451, 46.1908, -80.3987

Details

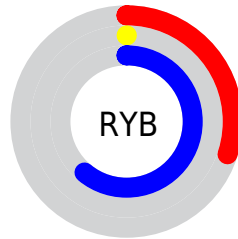
The YUV color **40.8070, 56.7901, 31.7413** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **115.1930, -56.7901, -31.7413**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1010, 54.1802, 28.8524**, and **12.3400, 44.6954, -9.0682** is the 20% darker color. If you saturate the color by 10%, you get **40.8070, 56.7901, 31.7413**, and if you desaturate by 10%, it is **52.5910, 50.9806, 28.4227**.

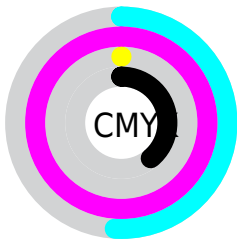
Distribution



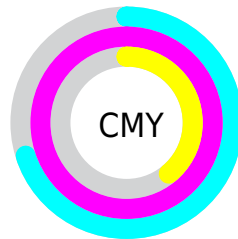
- Red (30%)
- Green (0%)
- Blue (61%)



- Red (30%)
- Yellow (0%)
- Blue (61%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (70%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8070, 56.7901, 31.7413 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 40.8070, 56.7901, 31.7413 by changing the saturation by 10% instead.

40.8070, 56.7901,
31.7413

40.8070, 56.7901,
31.7413

255.0000, 0.0000,
0.0000

28.4600, 49.5662,
15.3826

102.1010, 54.1802,
28.8524

12.3400, 44.6954,
-9.0682

129.3400, 55.0484,
30.3968

8.8920, 34.0702,
-7.7983

155.4560, 49.0752,
32.9261

9.0910, 22.1401,
-7.9728

180.2750, 36.8394,
37.4698

4.8220, 13.3988,
-4.2289

205.6810, 24.3143,
41.4988

0.4560, 1.7472,
-0.3999

222.7150, 15.9165,

0.0000, 0.0000,

28.3139

0.0000

■ 239.7380, 7.5242,
13.3848

■ 40.8070, 56.7901,
31.7413

■ 52.5910, 50.9806,
28.4227

■ 63.7880, 45.4605,
25.6189

■ 75.5720, 39.6510,
22.3004

■ 86.7690, 34.1309,
19.4966

■ 98.5530, 28.3214,
16.1780

■ 110.0380, 22.6593,
12.2447

■ 121.2350, 17.1391,
9.4409

■ 133.0190, 11.3296,
6.1223

■ 144.2160, 5.8095,
3.3186

Harmonies

Analogous

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



56.7660, 65.1914, -49.7838



40.8070, 56.7901, 31.7413



54.2280, 21.5796, 78.7300

Triad

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



40.8070, 56.7901, 31.7413



51.3310, -25.3062, 43.5597



54.5470, 13.5343, -47.8377

Complementary

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



40.8070, 56.7901, 31.7413



115.1930, -56.7901, -31.7413

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.



44.9370, -18.2099, -39.4097



40.8070, 56.7901, 31.7413



50.1480, -24.7230, -3.6378

Square

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



40.8070, 56.7901, 31.7413



41.5610, -20.4896, 85.4540



42.2640, -20.8362, -37.0655



62.2020, 40.3264, -54.5512

Rectangle

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



40.8070, 56.7901, 31.7413



53.3270, 1.3178, 90.9212



42.2640, -20.8362, -37.0655



51.3380, 3.7774, -45.0234

Sweetspot

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



40.8070, 56.7901, 31.7413



158.9240, 22.2225, 12.3447



65.3310, 44.6998, -57.2953



74.6000, 13.5082, 7.3668



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



40.8070, 56.7901, 31.7413



53.4550, 74.2187, 41.6970



63.5310, 45.5872, 78.4643



73.1080, 2.9048, 1.6593



37.2320, 52.1436, 28.7375



4.1020, 5.3727, 3.4185

Inverse Universe

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



55.6500, 11.5115, 88.0069



72.7380, 14.9192, 115.1168



92.4690, -45.5872, -78.4643



73.8480, 0.5679, 4.5183



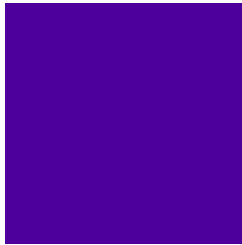
50.9650, 10.3703, 80.7147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 40.8070, 56.7901, 31.7413 looks on a white background.

Color Contrast Check

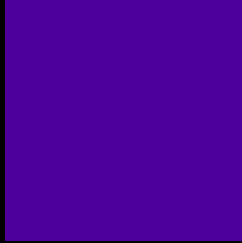
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8070, 56.7901, 31.7413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

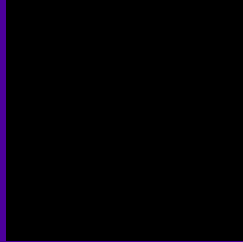
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.8070, 56.7901, 31.7413

Background



This preview shows how black text looks on a background with the YUV color 40.8070, 56.7901, 31.7413.



This preview shows how white text looks on a background with the YUV color 40.8070, 56.7901,

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



Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.5490, 27.3373, -41.7005

Tritanopia

58.5800, 3.6581, -6.6477

Trichromacy



Protanomaly

44.6660, 43.5487, -14.6161

Deuteranomaly

45.1730, 37.8757, -15.0607

Tritanomaly

52.1190, 23.1123, 6.9116

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8700, 20.7701, 11.5150

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8070, 56.7901, 31.7413 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(77, 0, 156)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 156)  
}
```

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(77, 0, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 156) }
```

Border

The CSS property to change the border of an element to YUV 40.8070, 56.7901, 31.7413 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(77, 0, 156) }
```

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

```
.border{ border-color:rgb(77, 0, 156) }
```

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

Here you see how a box with a 4 pixel rgb(77, 0, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 0, 156);  
box-shadow:4px 4px 4px 4px rgb(77, 0, 156)  
}
```


Background

The CSS property to change the background color of an element to YUV 40.8070, 56.7901, 31.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 156) }
```

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

```
.background{ background-color: rgb(77, 0,  
156) }
```

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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