

Converting Colors

YUV(40.3380, 61.4584, 27.7676)

Have a look what the booklet for
YUV(40.3380, 61.4584, 27.7676)
contains.

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Color

**YUV(40.3380, 61.4584,
27.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	4800A5
RGB	72, 0, 165
RGB Percent	28%, 0%, 65%
CMY	0.7176, 1.0000, 0.3529
CMYK	0.56, 1.00, 0.00, 0.35
HSL	266°, 100%, 32%
HSV	266°, 100%, 65%
XYZ	9.4640, 4.0943, 35.8888
YIQ	40.3380, -10.0530, 66.5790

Conversions

Conversions Part 2

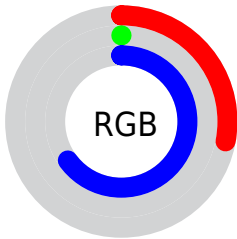
Format	Color
R_{YB}	72, 0, 165
Decimal	4718757
CIE _{Lab}	23.98, 59.42, -69.22
CIE _{LCh}	24, 91.224, 310.641
Yxy	4.0943, 0.1914, 0.0828
Android (android.graphics.Color)	4282908837 (0xFF4800A5)
YUV	40.3380, 61.4584, 27.7676
Hunter-Lab	20.2345, 48.0774, -90.9955

Details

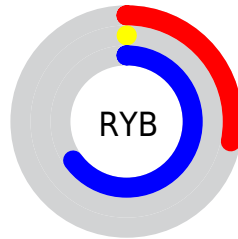
The YUV color **40.3380, 61.4584, 27.7676** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **124.6620, -61.4584, -27.7676**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2300, 58.5536, 26.1083**, and **12.7680, 48.9214, -11.1975** is the 20% darker color. If you saturate the color by 10%, you get **40.3380, 61.4584, 27.7676**, and if you desaturate by 10%, it is **52.4210, 55.5014, 25.0638**.

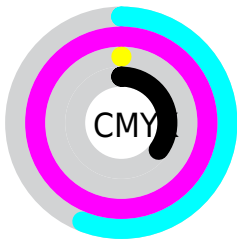
Distribution



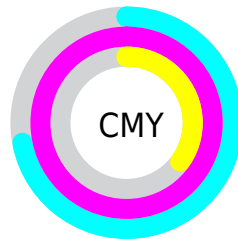
- Red (28%)
- Green (0%)
- Blue (65%)



- Red (28%)
- Yellow (0%)
- Blue (65%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.3380, 61.4584, 27.7676 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 40.3380, 61.4584, 27.7676 by changing the saturation by 10% instead.

■ 40.3380, 61.4584,
27.7676

■ 40.3380, 61.4584,
27.7676

■ 255.0000, 0.0000,
0.0000

■ 26.7950, 54.8241,
8.9498

■ 102.2300, 58.5536,
26.1083

■ 12.7680, 48.9214,
-11.1975

■ 130.0560, 59.1324,
27.1379

■ 9.8040, 37.5646,
-8.5981

■ 154.8580, 49.3700,
31.6965

■ 10.5900, 25.3451,
-9.2874

■ 179.6770, 37.1342,
36.2403

■ 6.2070, 16.1669,
-5.4435

■ 205.0830, 24.6091,
40.2692

■ 2.4110, 6.6994,
-2.1144

■ 222.7150, 15.9165,

■ 0.0000, 0.0000,

28.3139

0.0000

■ 239.7380, 7.5242,
13.3848

■ 40.3380, 61.4584,
27.7676

■ 52.4210, 55.5014,
25.0638

■ 65.3900, 49.1077,
22.4600

■ 78.0600, 42.8614,
19.2414

■ 90.1430, 36.9045,
16.5376

■ 102.5250, 30.8002,
14.4486

■ 115.1950, 24.5539,
11.2300

■ 127.2780, 18.5969,
8.5262

■ 139.9480, 12.3506,
5.3076

■ 152.3300, 6.2463,
3.2186

Harmonies

Analogous

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



59.6670, 68.6912, -52.3280



40.3380, 61.4584, 27.7676



56.1080, 23.6108, 80.5893

Triad

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



40.3380, 61.4584, 27.7676



50.7660, -25.0276, 47.5632



55.0200, 12.8081, -48.2525

Complementary

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



40.3380, 61.4584, 27.7676



124.6620, -61.4584, -27.7676

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.



44.6120, -21.9937, -39.1247



40.3380, 61.4584, 27.7676



51.3330, -25.3072, -2.9230

Square

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



40.3380, 61.4584, 27.7676



43.3550, -21.3740, 89.1427



42.8510, -21.1255, -37.5803



63.8320, 41.4948, -55.9807

Rectangle

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



40.3380, 61.4584, 27.7676



55.5770, 2.1805, 94.2100



42.8510, -21.1255, -37.5803



52.2840, 2.3250, -45.8531

Sweetspot

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



40.3380, 61.4584, 27.7676



165.6680, 23.8277, 10.8152



73.9880, 44.8689, -64.8875



78.1160, 14.2398, 6.0373



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



40.3380, 61.4584, 27.7676



52.2030, 79.7659, 35.7790



64.8560, 49.3710, 78.1793



75.2220, 3.3416, 1.5593



35.3670, 54.0491, 24.2341



4.4440, 6.6831, 3.1186

Inverse Universe

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



59.9370, 16.3001, 92.1403



77.7800, 21.3075, 119.4649



100.1440, -49.3710, -78.1793



76.2610, 0.8573, 5.0331



52.7030, 14.4434, 80.9445



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 40.3380, 61.4584, 27.7676 looks on a white background.

Color Contrast Check

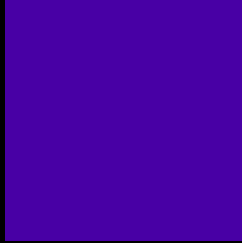
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3380, 61.4584, 27.7676 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 40.3380, 61.4584, 27.7676

Background



This preview shows how black text looks on a background with the YUV color 40.3380, 61.4584, 27.7676.



This preview shows how white text looks on a background with the YUV color 40.3380, 61.4584,

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

47.9540, 36.5047, -42.0557

Deuteranopia

48.2500, 27.4847, -42.3152

Tritanopia

56.4970, 6.1640, -17.0989

Trichromacy



Protanomaly

45.2250, 45.7381, -16.8603

Deuteranomaly

45.0310, 39.9177, -16.6902

Tritanomaly

50.8730, 26.1916, -0.7656

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9130, 22.2279, 10.6003

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.3380, 61.4584, 27.7676 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, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(72, 0, 165)  
}
```

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, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 0, 165) }
```

Border

The CSS property to change the border of an element to YUV 40.3380, 61.4584, 27.7676 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, 0, 165) }
```

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

```
.border{ border-color:rgb(72, 0, 165) }
```

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

Here you see how a box with a 4 pixel rgb(72, 0, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(72, 0, 165)  
}
```


Background

The CSS property to change the background color of an element to YUV 40.3380, 61.4584, 27.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 0, 165) }
```

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

```
.background{ background-color: rgb(72, 0,  
165) }
```

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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