

Converting Colors

YUV(76.5340, 40.6557, 26.7187)

Have a look what the booklet for
YUV(76.5340, 40.6557, 26.7187)
contains.

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Color

**YUV(76.5340, 40.6557,
26.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	6B2D9F
RGB	107, 45, 159
RGB Percent	42%, 18%, 62%
CMY	0.5804, 0.8235, 0.3765
CMYK	0.33, 0.72, 0.00, 0.38
HSL	273°, 56%, 40%
HSV	273°, 72%, 62%
XYZ	13.2598, 7.5058, 33.5508
YIQ	76.5340, 0.3580, 48.5980

Conversions

Conversions Part 2

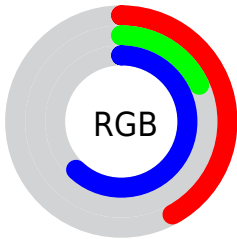
Format	Color
R _Y B	107, 45, 159
Decimal	7024031
CIE Lab	32.93, 48.41, -50.72
CIE LCh	33, 70.114, 313.663
Yxy	7.5058, 0.2441, 0.1382
Android (android.graphics.Color)	4285214111 (0xFF6B2D9F)
YUV	76.5340, 40.6557, 26.7187
Hunter-Lab	27.3967, 38.4486, -53.4306

Details

The YUV color **76.5340, 40.6557, 26.7187** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **127.4660, -40.6557, -26.7187**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3000, 42.2501, 28.6779**, and **27.6320, 38.6354, 21.3707** is the 20% darker color. If you saturate the color by 10%, you get **65.0490, 46.3178, 30.6520**, and if you desaturate by 10%, it is **88.0190, 34.9936, 22.7853**.

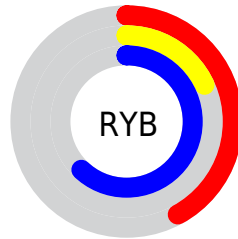
Distribution



Red (42%)

Green (18%)

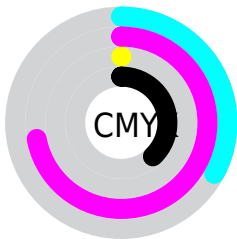
Blue (62%)



Red (42%)

Yellow (18%)

Blue (62%)

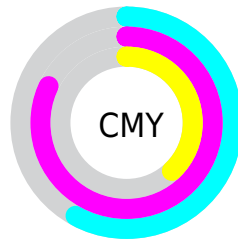


Cyan (33%)

Magenta (72%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (82%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5340, 40.6557, 26.7187 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 76.5340, 40.6557, 26.7187 by changing the saturation by 10% instead.

■ 76.5340, 40.6557,
26.7187

■ 76.5340, 40.6557,
26.7187

■ 255.0000, 0.0000,
0.0000

■ 48.9470, 40.9451,
27.2335

■ 129.3000, 42.2501,
28.6779

■ 27.6320, 38.6354,
21.3707

■ 156.4250, 42.6815,
30.3223

■ 16.8230, 32.1323,
7.1712

■ 182.3130, 35.8347,
33.0515

■ 6.6120, 25.3343,
-5.7987

■ 206.8330, 23.7463,
36.9805

■ 5.1640, 14.7091,
-4.5288

■ 225.0630, 14.7589,
26.2547

■ 1.1400, 4.3680,
-0.9998

■ 242.0860, 6.3666,

■ 0.0000, 0.0000,

11.3256

0.0000

■ 76.5340, 40.6557,
26.7187

■ 76.5340, 40.6557,
26.7187

■ 65.0490, 46.3178,
30.6520

■ 88.0190, 34.9936,
22.7853

■ 53.2650, 52.1274,
33.9706

■ 99.8030, 29.1841,
19.4668

■ 43.8400, 56.7739,
36.9743

■ 111.2880, 23.5220,
15.5334

■ 122.7730, 17.8599,
11.6001

■ 134.2580, 12.1978,
7.6667

■ 145.4550, 6.6777,
4.8630

■ 156.9400, 1.0156,
0.9296

■ 168.4250, -4.6465,
-3.0037

■ 179.9100,
-10.3086, -6.9371

Harmonies

Analogous

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



66.5170, 59.3981, -58.3354



76.5340, 40.6557, 26.7187



59.4830, 24.9049, 85.5224

Triad

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



76.5340, 40.6557, 26.7187



72.8610, -35.9205, 41.3409



69.7410, 15.9037, -61.1629

Complementary

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



76.5340, 40.6557, 26.7187



127.4660, -40.6557, -26.7187

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.



61.9550, -8.8518, -54.3345



76.5340, 40.6557, 26.7187



70.2490, -34.6328, 1.5356

Square

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



76.5340, 40.6557, 26.7187



60.1340, -29.6461, 82.3205



54.5910, -26.9134, -47.8763



75.6690, 38.6172, -66.3617

Rectangle

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



76.5340, 40.6557, 26.7187



58.8530, 6.9745, 96.5989



54.5910, -26.9134, -47.8763



67.5750, 7.6045, -59.2633

Sweetspot

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



76.5340, 40.6557, 26.7187



173.7190, 16.4075, 10.7704



89.1070, 34.4572, -38.6818



84.6770, 10.0192, 6.4223



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



76.5340, 40.6557, 26.7187



78.2950, 63.4516, 41.8373



91.6260, 31.2434, 59.0870



73.1080, 2.9048, 1.6593



39.6240, 50.9644, 33.6558



4.1020, 5.3727, 3.4185

Inverse Universe

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



85.0140, 5.9091, 64.8857



91.4560, 9.1422, 101.3321



112.3740, -31.2434, -59.0870



73.8480, 0.5679, 4.5183



50.1670, 7.3127, 81.4145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 76.5340, 40.6557, 26.7187 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 76.5340, 40.6557, 26.7187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

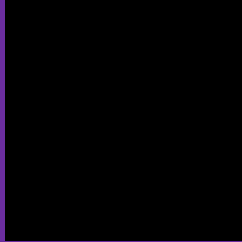
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5340, 40.6557, 26.7187

Background



This preview shows how black text looks on a background with the YUV color 76.5340, 40.6557, 26.7187.



This preview shows how white text looks on a background with the YUV color 76.5340, 40.6557,

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

76.5340, 40.6557, 26.7187

Protanopia

62.1510, 47.7466, -54.5064

Deuteranopia

62.8060, 37.5636, -55.0809



Tritanopia

79.2510, -0.6167, 11.1809

Trichromacy



Original Color

76.5340, 40.6557, 26.7187



Protanomaly

67.3550, 45.1810, -24.8673



Deuteranomaly

67.6340, 38.6344, -25.1120



Tritanomaly

78.1820, 14.2073, 16.5034

Monochromacy



Original Color

76.5340, 40.6557, 26.7187



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

76.6650, 14.9552, 9.9408

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5340, 40.6557, 26.7187 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(107, 45, 159)` looks like.

```
.text, #text, p{  
    color:rgb(107, 45, 159)  
}
```

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(107, 45, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 45, 159) }
```

Border

The CSS property to change the border of an element to YUV 76.5340, 40.6557, 26.7187 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(107, 45, 159) }
```


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

```
.border{ border-color:rgb(107, 45, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 45, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 45, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 45, 159);  
box-shadow:4px 4px 4px 4px rgb(107, 45,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 76.5340, 40.6557, 26.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 45, 159) }
```

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

```
.background{ background-color: rgb(107, 45,  
159) }
```

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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