

Converting Colors

YUV(76.5520, 9.5879, 4.7779)

Have a look what the booklet for
YUV(76.5520, 9.5879, 4.7779)
contains.

YUV(76.5520, 9.5879, 4.7779)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(76.5520, 9.5879,
4.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	524660
RGB	82, 70, 96
RGB Percent	32%, 27%, 38%
CMY	0.6784, 0.7255, 0.6235
CMYK	0.15, 0.27, 0.00, 0.62
HSL	268°, 16%, 33%
HSV	268°, 27%, 38%
XYZ	7.7812, 7.0187, 12.0110
YIQ	76.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

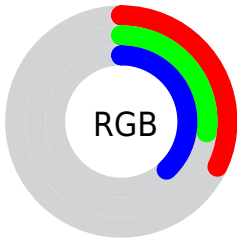
Format	Color
RYB	82, 70, 96
Decimal	5391968
CIELab	31.85, 10.86, -13.42
CIELCh	32, 17.262, 308.978
Yxy	7.0187, 0.2902, 0.2618
Android (android.graphics.Color)	4283582048 (0xFF524660)
YUV	76.5520, 9.5879, 4.7779
Hunter-Lab	26.4928, 6.0645, -8.3352

Details

The YUV color **76.5520, 9.5879, 4.7779** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.4480, -9.5879, -4.7779**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4920, 10.6034, 5.7075**, and **32.6120, 8.5723, 3.8483** is the 20% darker color. If you saturate the color by 10%, you get **69.1870, 13.2188, 6.8520**, and if you desaturate by 10%, it is **83.9170, 5.9569, 2.7038**.

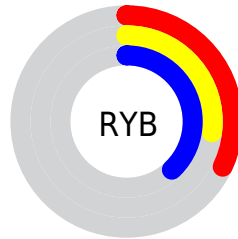
Distribution



Red (32%)

Green (27%)

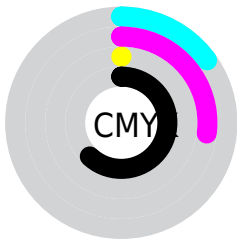
Blue (38%)



Red (32%)

Yellow (27%)

Blue (38%)

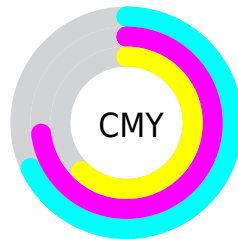


Cyan (15%)

Magenta (27%)

Yellow (0%)

Black (62%)



Cyan (68%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5520, 9.5879, 4.7779 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 76.5520, 9.5879, 4.7779 by changing the saturation by 10% instead.

■ 76.5520, 9.5879,
4.7779

■ 76.5520, 9.5879,
4.7779

255.0000, 0.0000,
0.0000

■ 54.0250, 8.8617,
4.3631

■ 125.4920, 10.6034,
5.7075

■ 32.6120, 8.5723,
3.8483

■ 151.4920, 10.6034,
5.7075

■ 8.6880, 10.0138,
8.1666

■ 178.6060, 11.0402,
5.6075

■ 0.0000, 0.0000,
0.0000

■ 206.0190, 11.3296,
6.1223

■ 233.7910, 10.4560,
6.3223

254.4130, 0.2894,

0.5148

■ 76.5520, 9.5879,
4.7779

■ 76.5520, 9.5879,
4.7779

■ 69.1870, 13.2188,
6.8520

■ 83.9170, 5.9569,
2.7038

■ 62.4090, 16.5604,
8.4113

■ 90.6950, 2.6154,
1.1445

■ 54.7450, 20.3387,
9.8706

■ 98.3590, -1.1630,
-0.3148

■ 47.9670, 23.6803,
11.4299

■ 105.1370, -4.5045,
-1.8741

■ 40.6020, 27.3112,
13.5040

■ 112.5020, -8.1355,
-3.9483

■ 33.2370, 30.9422,
15.5782

■ 119.8670,
-11.7664, -6.0224

■ 26.4590, 34.2837,
17.1375

■ 126.6450,
-15.1080, -7.5817

■ 24.1000, 35.4467,
17.4523

■ 134.0100,
-18.7389, -9.6558

■ 141.0870,
-22.2279, -10.6003

Harmonies

Analogous

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



74.3760, 13.1256, -9.9768



76.5520, 9.5879, 4.7779



76.8370, 4.0244, 15.9290

Triad

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



76.5520, 9.5879, 4.7779



75.1840, -12.4157, 15.6246



67.6050, 5.6177, -28.5946

Complementary

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



76.5520, 9.5879, 4.7779



89.4480, -9.5879, -4.7779

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.



70.4940, -2.7085, -17.9732



76.5520, 9.5879, 4.7779



73.4170, -12.5306, 5.7733

Square

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



76.5520, 9.5879, 4.7779



75.9550, -8.3588, 21.0875



71.9640, -8.8563, -6.1074



67.7770, 11.4489, -32.2534

Rectangle

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



76.5520, 9.5879, 4.7779



76.7190, -0.3545, 20.4174



71.9640, -8.8563, -6.1074



68.5300, 2.6967, -25.0208

Sweetspot

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



76.5520, 9.5879, 4.7779



117.6350, 3.6309, 2.0741



81.1820, 7.3053, -9.8066



58.6950, 2.6154, 1.1445



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



76.5520, 9.5879, 4.7779



94.3550, 15.1080, 7.5817



80.4390, 7.6716, 12.7700



45.0540, 1.4524, 0.8296



28.3160, 41.2562, 20.7709



60.5490, 88.4693, 44.2455

Inverse Universe

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



79.3700, 2.2826, 14.5845



98.7670, 3.5659, 23.0063



85.5610, -7.6716, -12.7700



45.4240, 0.2840, 2.2592



40.3280, 9.6983, 62.8563



86.4660, 20.9693, 134.6493

Previews

White Background



This preview shows how the YUV color 76.5520, 9.5879, 4.7779 looks on a white background.

Color Contrast Check

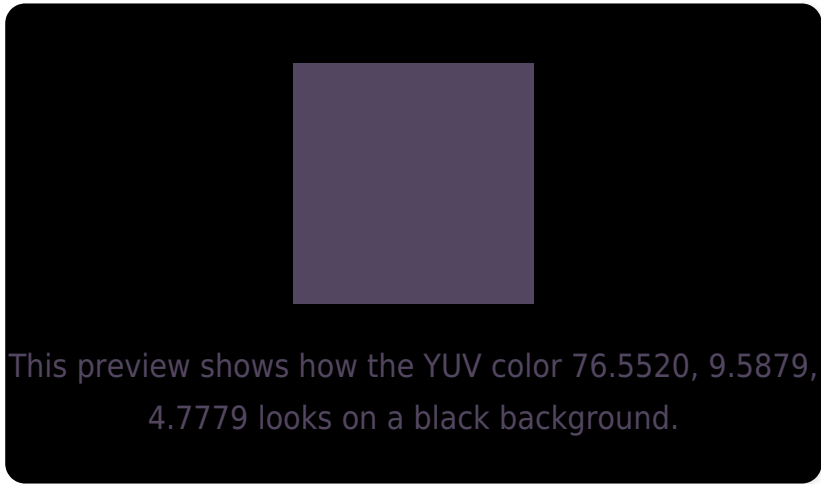
Large Text (above 18pt) WCAG AA ✓ Pass

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

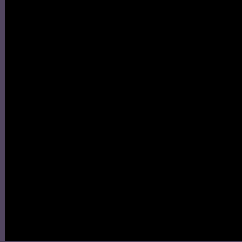
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5520, 9.5879, 4.7779

Background



This preview shows how black text looks on a background with the YUV color 76.5520, 9.5879, 4.7779.

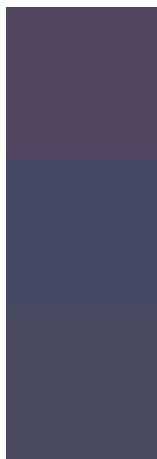


This preview shows how white text looks on a background with the YUV color 76.5520, 9.5879,

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

76.5520, 9.5879, 4.7779

Protanopia

75.0560, 11.8044, -6.1881

Deuteranopia

75.7960, 9.4676, -3.3291



Tritanopia

75.4780, 1.7363, 3.0888

Trichromacy



Original Color

76.5520, 9.5879, 4.7779

Protanomaly

75.8500, 10.9200, -2.4994

Deuteranomaly

76.4050, 9.1673, -0.3552

Tritanomaly

75.8740, 4.4991, 3.6185

Monochromacy



Original Color

76.5520, 9.5879, 4.7779

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6350, 3.6309, 2.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5520, 9.5879, 4.7779 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(82, 70, 96)` looks like.

```
.text, #text, p{  
    color:rgb(82, 70, 96)  
}
```

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(82, 70, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 70, 96) }
```

Border

The CSS property to change the border of an element to YUV 76.5520, 9.5879, 4.7779 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(82, 70, 96) }
```


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

```
.border{ border-color:rgb(82, 70, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 70, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 70, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 70, 96);  
box-shadow:4px 4px 4px 4px rgb(82, 70, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.5520, 9.5879, 4.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 70, 96) }
```

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

```
.background{ background-color: rgb(82, 70,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor