

Converting Colors

YUV(77.5760, 26.8310, 27.5588)

Have a look what the booklet for
YUV(77.5760, 26.8310, 27.5588)
contains.

YUV(77.5760, 26.8310, 27.5588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.5760, 26.8310,
27.5588)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3384
RGB	109, 51, 132
RGB Percent	43%, 20%, 52%
CMY	0.5725, 0.8000, 0.4824
CMYK	0.17, 0.61, 0.00, 0.48
HSL	283°, 44%, 36%
HSV	283°, 61%, 52%
XYZ	11.6554, 7.2848, 22.6216
YIQ	77.5760, 8.5670, 37.4870

Conversions

Conversions Part 2

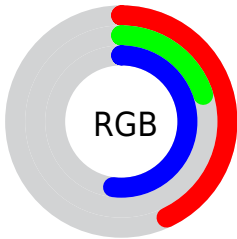
Format	Color
R_{YB}	109, 51, 132
Decimal	7156612
CIE _{Lab}	32.45, 39.59, -34.93
CIE _{LCh}	32, 52.791, 318.579
Yxy	7.2848, 0.2804, 0.1753
Android (android.graphics.Color)	4285346692 (0xFF6D3384)
YUV	77.5760, 26.8310, 27.5588
Hunter-Lab	26.9904, 29.8492, -30.7998

Details

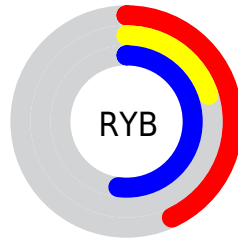
The YUV color **77.5760, 26.8310, 27.5588** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **105.4240, -26.8310, -27.5588**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2280, 27.9886, 29.6180**, and **26.6900, 27.2678, 27.4589** is the 20% darker color. If you saturate the color by 10%, you get **68.7490, 31.1827, 31.7921**, and if you desaturate by 10%, it is **86.4030, 22.4793, 23.3256**.

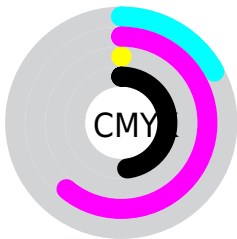
Distribution



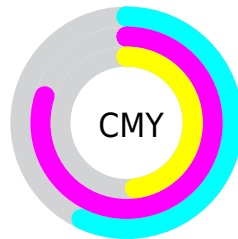
- Red (43%)
- Green (20%)
- Blue (52%)



- Red (43%)
- Yellow (20%)
- Blue (52%)



- Cyan (17%)
- Magenta (61%)
- Yellow (0%)
- Black (48%)



- Cyan (57%)
- Magenta (80%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5760, 26.8310, 27.5588 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 77.5760, 26.8310, 27.5588 by changing the saturation by 10% instead.

■ 77.5760, 26.8310,
27.5588

■ 77.5760, 26.8310,
27.5588

■ 255.0000, 0.0000,
0.0000

■ 52.1630, 26.5416,
27.0440

■ 129.2280, 27.9886,
29.6180

■ 26.6900, 27.2678,
27.4589

■ 155.9400, 28.1306,
30.7476

■ 17.3760, 20.0276,
16.3332

■ 182.8800, 29.1462,
31.6772

■ 4.1040, 15.7247,
-3.5992

■ 209.4690, 22.4468,
33.7917

■ 1.2540, 4.8048,
-1.0998

■ 227.4110, 13.6014,
24.1956

■ 0.0000, 0.0000,
0.0000

■ 244.4340, 5.2090,

9.2664

■ 77.5760, 26.8310,
27.5588

■ 77.5760, 26.8310,
27.5588

■ 68.7490, 31.1827,
31.7921

■ 86.4030, 22.4793,
23.3256

■ 60.2210, 35.3870,
36.6402

■ 94.9310, 18.2750,
18.4775

■ 50.8070, 40.0281,
41.3883

■ 104.3450, 13.6339,
13.7294

■ 43.4530, 43.6537,
45.2067

■ 113.1720, 9.2822,
9.4962

■ 121.9990, 4.9305,
5.2629

■ 130.5270, 0.7262,
0.4148

■ 139.3540, -3.6255,
-3.8185

■ 148.7680, -8.2666,
-8.5665

■ 157.5950,
-12.6183, -12.7998

Harmonies

Analogous

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



67.2240, 43.7666, -37.9074



77.5760, 26.8310, 27.5588



68.7240, 12.4611, 63.3861

Triad

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



77.5760, 26.8310, 27.5588



72.4960, -35.7405, 30.2600



66.8060, 17.3506, -58.5889

Complementary

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



77.5760, 26.8310, 27.5588



105.4240, -26.8310, -27.5588

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.



61.2030, -1.5791, -53.6750



77.5760, 26.8310, 27.5588



68.7650, -33.9011, 0.2061

Square

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



77.5760, 26.8310, 27.5588



70.0830, -29.1279, 56.0552



54.1980, -20.8036, -47.5316



70.3230, 33.3648, -61.6733

Rectangle

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



77.5760, 26.8310, 27.5588



64.6900, 0.6458, 73.0629



54.1980, -20.8036, -47.5316



65.2100, 11.2355, -57.1892

Sweetspot

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



77.5760, 26.8310, 27.5588



150.1120, 10.2978, 10.4258



74.3220, 28.4353, -20.4534



74.0530, 6.3829, 6.0925



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



77.5760, 26.8310, 27.5588



85.6870, 42.0593, 43.2475



82.6290, 16.4519, 43.2984



61.8800, 2.0312, 1.8592



42.6270, 43.0749, 44.1771



0.9400, 1.0156, 0.9296

Inverse Universe

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



77.8410, -1.8936, 47.4974



86.0770, -2.9960, 74.4775



100.3710, -16.4519, -43.2984



62.0220, -0.0108, 3.4887



43.0880, -3.0014, 76.2218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 77.5760, 26.8310, 27.5588 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 77.5760, 26.8310, 27.5588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

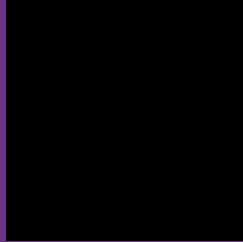
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.5760, 26.8310, 27.5588

Background



This preview shows how black text looks on a background with the YUV color 77.5760, 26.8310, 27.5588.



This preview shows how white text looks on a background with the YUV color 77.5760, 26.8310,

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

77.5760, 26.8310, 27.5588

Protanopia

66.7890, 43.4880, -41.9110

Deuteranopia

73.1320, 26.5569, -24.6718



Tritanopia

78.1380, -2.5330, 19.1730

Trichromacy



Original Color

77.5760, 26.8310, 27.5588

Protanomaly

71.0480, 37.4443, -16.7051

Deuteranomaly

74.9540, 26.6447, -6.0987

Tritanomaly

77.9070, 7.9338, 22.0066

Monochromacy



Original Color

77.5760, 26.8310, 27.5588

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.6990, 10.0084, 9.9110

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5760, 26.8310, 27.5588 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(109, 51, 132)` looks like.

```
.text, #text, p{  
    color:rgb(109, 51, 132)  
}
```

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(109, 51, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 51, 132) }
```

Border

The CSS property to change the border of an element to YUV 77.5760, 26.8310, 27.5588 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(109, 51, 132) }
```


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

```
.border{ border-color:rgb(109, 51, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 51, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 51, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 51, 132);  
box-shadow:4px 4px 4px 4px rgb(109, 51,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 77.5760, 26.8310, 27.5588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 51, 132) }
```

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

```
.background{ background-color: rgb(109, 51,  
132) }
```

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