

Converting Colors

YUV(75.0270, 26.1157, 23.6553)

Have a look what the booklet for
YUV(75.0270, 26.1157, 23.6553)
contains.

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Color

**YUV(75.0270, 26.1157,
23.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	663380
RGB	102, 51, 128
RGB Percent	40%, 20%, 50%
CMY	0.6000, 0.8000, 0.4980
CMYK	0.20, 0.60, 0.00, 0.50
HSL	280°, 43%, 35%
HSV	280°, 60%, 50%
XYZ	10.5596, 6.7509, 21.1686
YIQ	75.0270, 5.6790, 34.7590

Conversions

Conversions Part 2

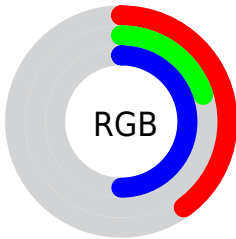
Format	Color
R_{YB}	102, 51, 128
Decimal	6697856
CIE _{Lab}	31.23, 36.78, -34.43
CIE _{LCh}	31, 50.374, 316.890
Yxy	6.7509, 0.2744, 0.1754
Android (android.graphics.Color)	4284887936 (0xFF663380)
YUV	75.0270, 26.1157, 23.6553
Hunter-Lab	25.9826, 27.0748, -30.1171

Details

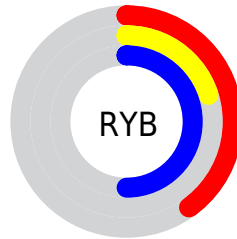
The YUV color **75.0270, 26.1157, 23.6553** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **103.9730, -26.1157, -23.6553**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6790, 27.2733, 25.7145**, and **25.0270, 26.1157, 23.6553** is the 20% darker color. If you saturate the color by 10%, you get **66.2000, 30.4674, 27.8886**, and if you desaturate by 10%, it is **83.8540, 21.7640, 19.4220**.

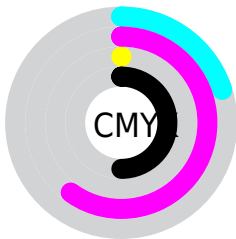
Distribution



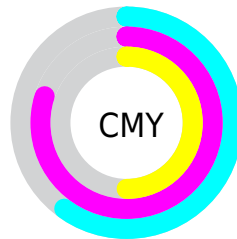
- Red (40%)
- Green (20%)
- Blue (50%)



- Red (40%)
- Yellow (20%)
- Blue (50%)



- Cyan (20%)
- Magenta (60%)
- Yellow (0%)
- Black (50%)



- Cyan (60%)
- Magenta (80%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0270, 26.1157, 23.6553 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 75.0270, 26.1157, 23.6553 by changing the saturation by 10% instead.

75.0270, 26.1157,
23.6553

75.0270, 26.1157,
23.6553

255.0000, 0.0000,
0.0000

50.3150, 25.9737,
22.5257

125.6790, 27.2733,
25.7145

25.0270, 26.1157,
23.6553

152.5050, 27.8520,
26.7441

15.5390, 19.4543,
13.5593

179.4450, 28.8676,
27.6737

4.9360, 13.8356,
-4.3289

205.9030, 24.2048,
29.9031

0.5700, 2.1840,
-0.4999

226.8240, 13.8908,
24.7104

0.0000, 0.0000,
0.0000

243.8470, 5.4984,

9.7812

■ 75.0270, 26.1157,
23.6553

■ 75.0270, 26.1157,
23.6553

■ 66.2000, 30.4674,
27.8886

■ 83.8540, 21.7640,
19.4220

■ 57.0740, 34.9665,
31.5071

■ 92.9800, 17.2649,
15.8035

■ 48.8340, 39.0288,
35.2256

■ 101.2200, 13.2025,
12.0851

■ 40.0070, 43.3805,
39.4589

■ 110.0470, 8.8508,
7.8518

■ 119.1730, 4.3517,
4.2333

■ 128.0000, 0.0000,
0.0000

■ 136.8270, -4.3517,
-4.2333

■ 145.3660, -8.5614,
-7.3370

■ 154.1930,
-12.9131, -11.5703

Harmonies

Analogous

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



62.9630, 42.9092, -42.9406



75.0270, 26.1157, 23.6553



67.6910, 12.4773, 58.1530

Triad

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



75.0270, 26.1157, 23.6553



69.2510, -34.1407, 30.4749



64.2470, 15.1612, -56.3446

Complementary

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



75.0270, 26.1157, 23.6553



103.9730, -26.1157, -23.6553

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.



58.9860, -2.4581, -51.7307



75.0270, 26.1157, 23.6553



66.7160, -32.8910, 2.8801

Square

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



75.0270, 26.1157, 23.6553



67.5820, -25.9229, 54.7406



55.2100, -22.2885, -37.8952



67.1770, 31.4647, -58.9142

Rectangle

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



75.0270, 26.1157, 23.6553



64.0700, 0.9515, 68.3446



55.2100, -22.2885, -37.8952



62.7650, 9.4829, -55.0449

Sweetspot

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



75.0270, 26.1157, 23.6553



145.4000, 10.1558, 9.2962



75.6270, 25.8199, -21.5979



71.6400, 6.0935, 5.5777



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



75.0270, 26.1157, 23.6553



83.3010, 40.7706, 36.5700



81.4330, 17.0415, 40.8393



59.2930, 2.3206, 2.3740



39.7080, 43.5280, 38.8441



0.0000, 0.0000, 0.0000

Inverse Universe

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



76.9870, 0.0064, 44.7384



86.5540, 0.2199, 69.6741



97.5670, -17.0415, -40.8393



59.4350, 0.2785, 4.0035



43.1740, -0.0858, 74.3924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.0270, 26.1157, 23.6553 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 75.0270, 26.1157, 23.6553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

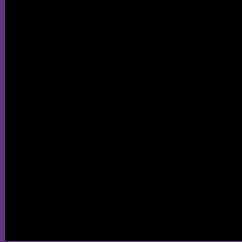
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.0270, 26.1157, 23.6553

Background



This preview shows how black text looks on a background with the YUV color 75.0270, 26.1157, 23.6553.



This preview shows how white text looks on a background with the YUV color 75.0270, 26.1157,

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

75.0270, 26.1157, 23.6553

Protanopia

64.9420, 41.4406, -38.5371

Deuteranopia

70.3060, 25.9781, -25.7014



Tritanopia

75.3440, -1.6486, 15.4843

Trichromacy



Original Color

75.0270, 26.1157, 23.6553

Protanomaly

68.5920, 35.6971, -16.3052

Deuteranomaly

71.8290, 26.2133, -7.7430

Tritanomaly

74.9990, 8.3815, 18.4179

Monochromacy



Original Color

75.0270, 26.1157, 23.6553

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8730, 9.4296, 8.8814

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0270, 26.1157, 23.6553 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(102, 51, 128)` looks like.

```
.text, #text, p{  
    color:rgb(102, 51, 128)  
}
```

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(102, 51, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 51, 128) }
```

Border

The CSS property to change the border of an element to YUV 75.0270, 26.1157, 23.6553 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(102, 51, 128) }
```


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

```
.border{ border-color:rgb(102, 51, 128) }
```

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

Here you see how a box with a 4 pixel rgb(102, 51, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 51, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 51, 128);  
box-shadow:4px 4px 4px 4px rgb(102, 51,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 75.0270, 26.1157, 23.6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 51, 128) }
```

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

```
.background{ background-color: rgb(102, 51,  
128) }
```

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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