

Converting Colors

YUV(76.1060, 12.7657, 12.1850)

Have a look what the booklet for
YUV(76.1060, 12.7657, 12.1850)
contains.

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Color

**YUV(76.1060, 12.7657,
12.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4066
RGB	90, 64, 102
RGB Percent	35%, 25%, 40%
CMY	0.6471, 0.7490, 0.6000
CMYK	0.12, 0.37, 0.00, 0.60
HSL	281°, 23%, 33%
HSV	281°, 37%, 40%
XYZ	8.4481, 6.7998, 13.4376
YIQ	76.1060, 3.2980, 17.3300

Conversions

Conversions Part 2

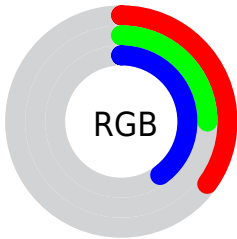
Format	Color
R_{YB}	90, 64, 102
Decimal	5914726
CIE _{Lab}	31.35, 19.06, -17.94
CIE _{LCh}	31, 26.177, 316.729
Yxy	6.7998, 0.2945, 0.2370
Android (android.graphics.Color)	4284104806 (0xFF5A4066)
YUV	76.1060, 12.7657, 12.1850
Hunter-Lab	26.0763, 12.1961, -12.2997

Details

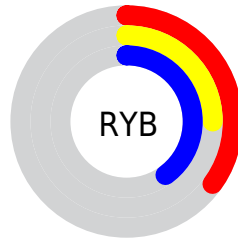
The YUV color **76.1060, 12.7657, 12.1850** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.8940, -12.7657, -12.1850**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3450, 13.6339, 13.7294**, and **30.8670, 11.8976, 10.6406** is the 20% darker color. If you saturate the color by 10%, you get **69.3390, 16.1019, 15.4887**, and if you desaturate by 10%, it is **82.8730, 9.4296, 8.8814**.

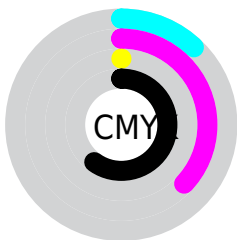
Distribution



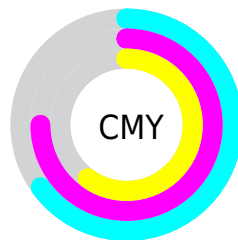
- Red (35%)
- Green (25%)
- Blue (40%)



- Red (35%)
- Yellow (25%)
- Blue (40%)



- Cyan (12%)
- Magenta (37%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1060, 12.7657, 12.1850 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 76.1060, 12.7657, 12.1850 by changing the saturation by 10% instead.

■ 76.1060, 12.7657,
12.1850

■ 76.1060, 12.7657,
12.1850

■ 255.0000, 0.0000,
0.0000

■ 53.2800, 12.1870,
11.1554

■ 125.3450, 13.6339,
13.7294

■ 30.8670, 11.8976,
10.6406

■ 151.4590, 14.0707,
13.6295

■ 11.3510, 11.1660,
11.9702

■ 178.2850, 14.6495,
14.6591

■ 0.7980, 3.0576,
-0.6998

■ 205.6980, 14.9389,
15.1739

■ 0.0000, 0.0000,
0.0000

■ 232.9710, 10.8603,
16.6884

■ 250.8910, 2.0257,

3.6036

■ 76.1060, 12.7657,
12.1850

■ 76.1060, 12.7657,
12.1850

■ 69.3390, 16.1019,
15.4887

■ 82.8730, 9.4296,
8.8814

■ 62.5720, 19.4380,
18.7924

■ 89.6400, 6.0935,
5.5777

■ 54.9190, 23.2109,
21.9960

■ 97.2930, 2.3206,
2.3740

■ 48.1520, 26.5471,
25.2997

■ 104.0600, -1.0156,
-0.9296

■ 41.3850, 29.8832,
28.6034

■ 110.8270, -4.3517,
-4.2333

■ 34.6180, 33.2193,
31.9070

■ 117.5940, -7.6878,
-7.5369

■ 32.5580, 34.2349,
32.8366

■ 124.6600,
-11.1714, -10.2258

■ 132.0140,
-14.7969, -14.0443

■ 138.7810,
-18.1330, -17.3479

Harmonies

Analogous

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



73.3850, 19.5302, -10.8616



76.1060, 12.7657, 12.1850



75.6150, 4.1338, 27.5246

Triad

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



76.1060, 12.7657, 12.1850



72.3710, -19.4099, 18.9686



58.9980, 12.8190, -51.7412

Complementary

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



76.1060, 12.7657, 12.1850



89.8940, -12.7657, -12.1850

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.



62.2850, 0.8455, -37.9609



76.1060, 12.7657, 12.1850



70.7990, -18.6349, 3.6843

Square

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



76.1060, 12.7657, 12.1850



73.8160, -14.2063, 29.9794



68.2250, -11.4499, -14.2293



60.4630, 20.9707, -53.0261

Rectangle

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



76.1060, 12.7657, 12.1850



74.9270, -2.4290, 32.5130



68.2250, -11.4499, -14.2293



58.2000, 9.7614, -51.0414

Sweetspot

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



76.1060, 12.7657, 12.1850



122.7000, 5.0779, 4.6481



75.3760, 13.1256, -9.9768



60.7060, 2.6099, 2.8888



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



76.1060, 12.7657, 12.1850



92.0990, 20.1642, 19.2072



78.8960, 7.9393, 20.2622



47.4670, 1.7418, 1.3444



36.7310, 38.5866, 37.0699



77.2220, 81.2356, 77.8583

Inverse Universe

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



76.7300, -0.3599, 22.1618



93.1060, -0.5453, 34.9870



87.1040, -7.9393, -20.2622



47.7230, 0.1366, 2.8739



38.4890, -1.2271, 67.1001



81.1360, -2.0390, 141.0777

Previews

White Background



This preview shows how the YUV color 76.1060, 12.7657, 12.1850 looks on a white background.

Color Contrast Check

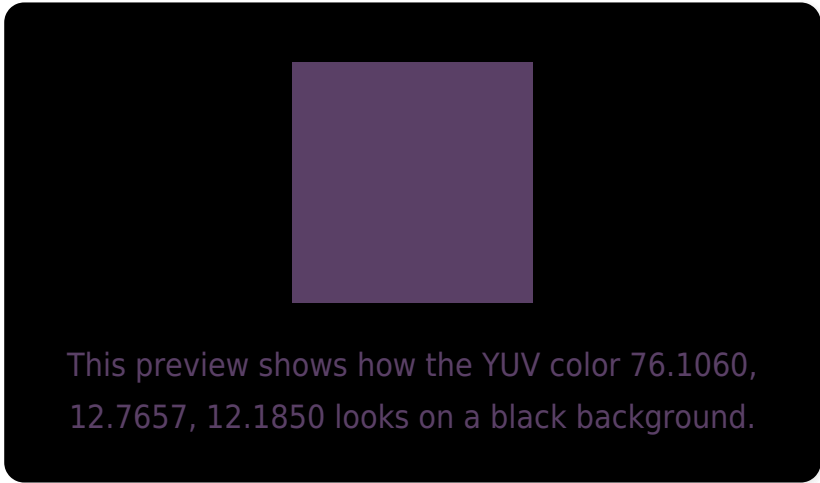
Large Text (above 18pt) WCAG AA ✓ Pass

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

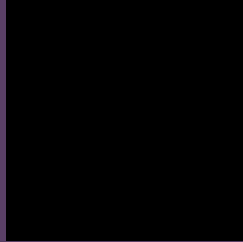
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1060, 12.7657, 12.1850

Background



This preview shows how black text looks on a background with the YUV color 76.1060, 12.7657, 12.1850.



This preview shows how white text looks on a background with the YUV color 76.1060, 12.7657,

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

76.1060, 12.7657, 12.1850

Protanopia

73.8150, 17.3462, -10.3618

Deuteranopia

73.9850, 12.8254, -7.0028



Tritanopia

75.3540, -0.1745, 9.3365

Trichromacy



Original Color

76.1060, 12.7657, 12.1850

Protanomaly

74.7020, 15.4299, -2.3697

Deuteranomaly

75.0290, 12.8037, -0.0254

Tritanomaly

75.6190, 4.6248, 9.9811

Monochromacy



Original Color

76.1060, 12.7657, 12.1850

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1060, 12.7657, 12.1850 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(90, 64, 102)` looks like.

```
.text, #text, p{  
    color:rgb(90, 64, 102)  
}
```

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(90, 64, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 64, 102) }
```

Border

The CSS property to change the border of an element to YUV 76.1060, 12.7657, 12.1850 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(90, 64, 102) }
```


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

```
.border{ border-color:rgb(90, 64, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 64, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 64, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 64, 102);  
box-shadow:4px 4px 4px 4px rgb(90, 64,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 76.1060, 12.7657, 12.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 64, 102) }
```

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

```
.background{ background-color: rgb(90, 64,  
102) }
```

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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