

Converting Colors

YUV(102.4030, 35.7903, 0.5236)

Have a look what the booklet for
YUV(102.4030, 35.7903, 0.5236)
contains.

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Color

**YUV(102.4030, 35.7903,
0.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	6758AF
RGB	103, 88, 175
RGB Percent	40%, 35%, 69%
CMY	0.5961, 0.6549, 0.3137
CMYK	0.41, 0.50, 0.00, 0.31
HSL	250°, 35%, 52%
HSV	250°, 50%, 69%
XYZ	16.8211, 12.9582, 42.1720
YIQ	102.4030, -18.9870, 30.2370

Conversions

Conversions Part 2

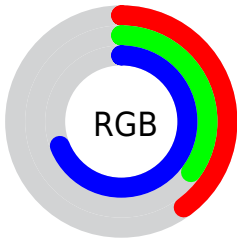
Format	Color
R _Y B	103, 88, 175
Decimal	6772911
CIE Lab	42.70, 27.70, -44.58
CIE LCh	43, 52.486, 301.858
Yxy	12.9582, 0.2338, 0.1801
Android (android.graphics.Color)	4284962991 (0xFF6758AF)
YUV	102.4030, 35.7903, 0.5236
Hunter-Lab	35.9974, 20.4151, -44.2617

Details

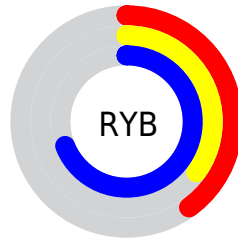
The YUV color **102.4030, 35.7903, 0.5236** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **160.5970, -35.7903, -0.5236**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5820, 37.6741, 2.9976**, and **53.2130, 33.9120, -3.6948** is the 20% darker color. If you saturate the color by 10%, you get **87.6510, 43.0631, 1.1831**, and if you desaturate by 10%, it is **117.1550, 28.5176, -0.1359**.

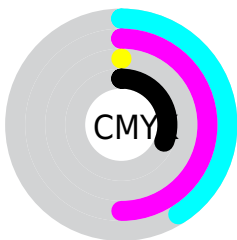
Distribution



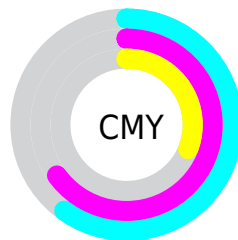
- Red (40%)
- Green (35%)
- Blue (69%)



- Red (40%)
- Yellow (35%)
- Blue (69%)



- Cyan (41%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.4030, 35.7903, 0.5236 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 102.4030, 35.7903, 0.5236 by changing the saturation by 10% instead.

■ 102.4030, 35.7903,
0.5236

■ 102.4030, 35.7903,
0.5236

■ 255.0000, 0.0000,
0.0000

■ 77.1640, 34.9221,
-1.0208

■ 154.5820, 37.6741,
2.9976

■ 53.2130, 33.9120,
-3.6948

■ 181.5390, 36.2163,
3.9123

■ 28.3540, 33.3495,
-9.9575

■ 205.7600, 24.2753,
7.2265

■ 8.2080, 31.4495,
-7.1984

■ 230.8670, 11.8976,
10.6406

■ 7.9340, 20.2455,
-6.9581

■ 250.8910, 2.0257,
3.6036

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 102.4030, 35.7903,
0.5236

■ 102.4030, 35.7903,
0.5236

■ 87.6510, 43.0631,
1.1831

■ 117.1550, 28.5176,
-0.1359

■ 73.1870, 50.1938,
0.7130

■ 131.6190, 21.3868,
0.3341

■ 58.4350, 57.4665,
1.3725

■ 145.7840, 14.4035,
0.1894

■ 43.9710, 64.5973,
0.9024

■ 160.8350, 6.9833,
0.1447

■ 29.2190, 71.8700,
1.5619

■ 175.5870, -0.2894,
-0.5148

■ 28.9200, 72.0174,
0.9472

■ 190.0510, -7.4201,
-0.0447

■ 204.8030,
-14.6929, -0.7042

■ 219.2670,
-21.8236, -0.2342

■ 234.0190,
-29.0964, -0.8937

Harmonies

Analogous

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



83.0670, 51.7320, -72.8498



102.4030, 35.7903, 0.5236



101.8620, 19.7880, 46.6020

Triad

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



102.4030, 35.7903, 0.5236



96.6340, -38.2736, 49.4330



82.6550, 9.5371, -72.4884

Complementary

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



102.4030, 35.7903, 0.5236



160.5970, -35.7903, -0.5236

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.



75.7640, -9.2507, -66.4450



102.4030, 35.7903, 0.5236



94.2810, -46.4805, 21.6786

Square

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



102.4030, 35.7903, 0.5236



96.2060, -18.8356, 68.2253



89.1780, -37.0628, -12.4341



87.0840, 29.0456, -76.3727

Rectangle

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



102.4030, 35.7903, 0.5236



97.9970, 8.3825, 64.9006



89.1780, -37.0628, -12.4341



80.3580, 3.2745, -70.4740

Sweetspot

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



102.4030, 35.7903, 0.5236



198.6700, 13.9667, 0.2894



140.7690, 16.8759, -46.2784



97.5900, 8.5831, 0.3596



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



102.4030, 35.7903, 0.5236



113.3810, 56.0142, 0.5429



115.2600, 29.4518, 26.9590



79.6240, 3.6364, 0.3298



24.8740, 61.6871, 0.9875



3.8180, 9.4567, 0.1596

Inverse Universe

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



122.2210, 18.6250, 46.2872



144.4320, 28.8740, 72.4121



147.7400, -29.4518, -26.9590



81.4890, 1.7309, 4.8331



59.1000, 32.4887, 79.7193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 102.4030, 35.7903, 0.5236 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 × Fail

Black Background



This preview shows how the YUV color 102.4030, 35.7903, 0.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

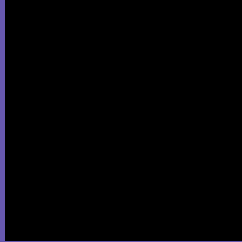
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.4030, 35.7903, 0.5236

Background



This preview shows how black text looks on a background with the YUV color 102.4030, 35.7903, 0.5236.



This preview shows how white text looks on a background with the YUV color 102.4030, 35.7903,

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

102.4030, 35.7903, 0.5236

Protanopia

95.6590, 44.0451, -33.9039

Deuteranopia

93.8340, 38.5358, -40.1964



Tritanopia

99.4270, 5.7055, -10.0215

Trichromacy



Original Color

102.4030, 35.7903, 0.5236

Protanomaly

97.9380, 40.9496, -20.9936

Deuteranomaly

96.9930, 37.4715, -25.4269

Tritanomaly

100.6090, 16.4618, -6.6731

Monochromacy



Original Color

102.4030, 35.7903, 0.5236

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1430, 13.2405, -0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.4030, 35.7903, 0.5236 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(103, 88, 175)` looks like.

```
.text, #text, p{  
    color:rgb(103, 88, 175)  
}
```

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(103, 88, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 88, 175) }
```

Border

The CSS property to change the border of an element to YUV 102.4030, 35.7903, 0.5236 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(103, 88, 175) }
```


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

```
.border{ border-color:rgb(103, 88, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 88, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 88, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 88, 175);  
box-shadow:4px 4px 4px 4px rgb(103, 88,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 102.4030, 35.7903, 0.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 88, 175) }
```

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

```
.background{ background-color: rgb(103, 88,  
175) }
```

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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