

Converting Colors

YUV(60.8130, 47.4202, 3.6720)

Have a look what the booklet for
YUV(60.8130, 47.4202, 3.6720)
contains.

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Color

**YUV(60.8130, 47.4202,
3.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	41289D
RGB	65, 40, 157
RGB Percent	25%, 16%, 62%
CMY	0.7451, 0.8431, 0.3843
CMYK	0.59, 0.75, 0.00, 0.38
HSL	253°, 59%, 39%
HSV	253°, 75%, 62%
XYZ	9.0246, 5.0757, 32.4024
YIQ	60.8130, -22.6570, 41.6870

Conversions

Conversions Part 2

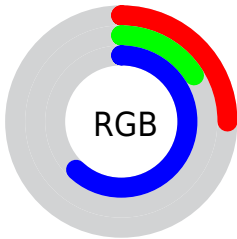
Format	Color
R_{YB}	65, 40, 157
Decimal	4270237
CIE _{Lab}	26.95, 42.98, -59.48
CIE _{LCh}	27, 73.379, 305.852
Yxy	5.0757, 0.1941, 0.1091
Android (android.graphics.Color)	4282460317 (0xFF41289D)
YUV	60.8130, 47.4202, 3.6720
Hunter-Lab	22.5294, 32.0752, -69.5020

Details

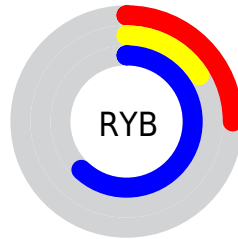
The YUV color **60.8130, 47.4202, 3.6720** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **136.1870, -47.4202, -3.6720**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7150, 49.4405, 9.0199**, and **11.8560, 45.4270, -10.3977** is the 20% darker color. If you saturate the color by 10%, you get **47.8330, 53.8193, 4.5315**, and if you desaturate by 10%, it is **73.7930, 41.0211, 2.8125**.

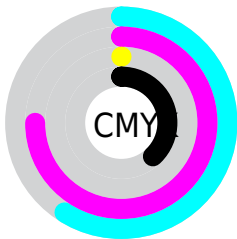
Distribution



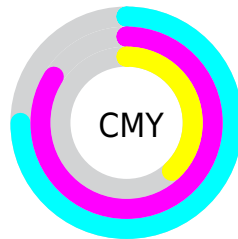
- Red (25%)
- Green (16%)
- Blue (62%)



- Red (25%)
- Yellow (16%)
- Blue (62%)



- Cyan (59%)
- Magenta (75%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (84%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.8130, 47.4202, 3.6720 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 60.8130, 47.4202, 3.6720 by changing the saturation by 10% instead.

■ 60.8130, 47.4202,
3.6720

■ 60.8130, 47.4202,
3.6720

■ 255.0000, 0.0000,
0.0000

■ 33.7800, 47.4365,
-1.5611

■ 112.7150, 49.4405,
9.0199

■ 11.8560, 45.4270,
-10.3977

■ 138.9540, 50.3087,
10.5643

■ 9.0060, 34.5070,
-7.8983

■ 164.4830, 44.6249,
13.6084

■ 9.2050, 22.5769,
-8.0728

■ 189.0030, 32.5365,
17.5374

■ 4.9360, 13.8356,
-4.3289

■ 214.4090, 20.0114,
21.5663

■ 0.6840, 2.6208,
-0.5999

■ 235.6290, 9.5499,

■ 0.0000, 0.0000,

16.9884

0.0000

252.6520, 1.1576,
2.0592

60.8130, 47.4202,
3.6720

60.8130, 47.4202,
3.6720

47.8330, 53.8193,
4.5315

73.7930, 41.0211,
2.8125

35.1410, 60.0765,
4.2613

86.4850, 34.7639,
3.0827

28.0640, 63.5654,
5.2059

99.4650, 28.3648,
2.2232

112.4450, 21.9656,
1.3637

125.7240, 15.4191,
1.1191

■ 138.1170, 9.3093,
0.7744

■ 151.0970, 2.9102,
-0.0851

■ 164.3760, -3.6364,
-0.3298

■ 176.7690, -9.7461,
-0.6744

Harmonies

Analogous

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



61.4960, 57.9295, -53.9320



60.8130, 47.4202, 3.6720



52.7200, 28.7320, 71.2826

Triad

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



60.8130, 47.4202, 3.6720



58.1530, -28.6694, 48.9778



57.7440, 8.0142, -50.6415

Complementary

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



60.8130, 47.4202, 3.6720



136.1870, -47.4202, -3.6720

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.



49.1600, -19.7989, -43.1133



60.8130, 47.4202, 3.6720



59.3730, -29.2709, 8.4429

Square

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



60.8130, 47.4202, 3.6720



43.3550, -21.3740, 89.1427



45.1990, -22.2831, -39.6395



64.0140, 32.0381, -56.1403

Rectangle

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



60.8130, 47.4202, 3.6720



53.8840, 9.9172, 86.0477



45.1990, -22.2831, -39.6395



54.8770, -0.4324, -48.1271

Sweetspot

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



60.8130, 47.4202, 3.6720



167.1200, 18.1818, 1.6488



108.5160, 23.9026, -60.0885



79.8720, 10.9091, 0.9893



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



60.8130, 47.4202, 3.6720



54.4090, 73.7484, 5.7803



77.8560, 39.0180, 38.7143



72.5100, 3.1996, 0.4297



25.5710, 57.8925, 4.7612



2.6070, 6.1097, 0.3447

Inverse Universe

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



85.4710, 22.9388, 62.7309



92.7200, 35.6340, 97.5926



119.1440, -39.0180, -38.7143



74.0760, 1.4415, 4.3183



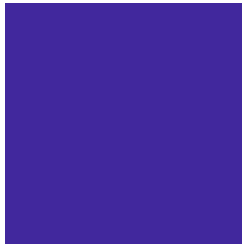
55.5250, 27.8422, 76.7156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 60.8130, 47.4202, 3.6720 looks on a white background.

Color Contrast Check

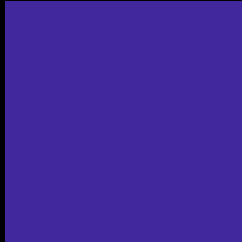
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.8130, 47.4202, 3.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

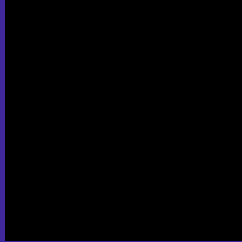
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.8130, 47.4202, 3.6720

Background



This preview shows how black text looks on a background with the YUV color 60.8130, 47.4202, 3.6720.



This preview shows how white text looks on a background with the YUV color 60.8130, 47.4202,

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

60.8130, 47.4202, 3.6720

Protanopia

51.2140, 38.8415, -44.9147

Tritanopia

58.6100, 8.0803, -25.0910

Trichromacy



Original Color

60.8130, 47.4202, 3.6720

Protanomaly

54.8340, 41.9868, -27.0414

Tritanomaly

59.4600, 22.4512, -14.4354

Monochromacy



Original Color

60.8130, 47.4202, 3.6720

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.5930, 17.4557, 1.2339

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.8130, 47.4202, 3.6720 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(65, 40, 157)` looks like.

```
.text, #text, p{  
    color:rgb(65, 40, 157)  
}
```

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(65, 40, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 40, 157) }
```

Border

The CSS property to change the border of an element to YUV 60.8130, 47.4202, 3.6720 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(65, 40, 157) }
```

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

```
.border{ border-color:rgb(65, 40, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 40, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 40, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 40, 157);  
box-shadow:4px 4px 4px 4px rgb(65, 40,  
157) }
```


Background

The CSS property to change the background color of an element to YUV 60.8130, 47.4202, 3.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 40, 157) }
```

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

```
.background{ background-color: rgb(65, 40,  
157) }
```

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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