

Converting Colors

YUV(61.5250, 47.5622, 4.8016)

Have a look what the booklet for
YUV(61.5250, 47.5622, 4.8016)
contains.

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Color

**YUV(61.5250, 47.5622,
4.8016)**

Conversions

Conversions Part 1

Format	Color
Hex	43289E
RGB	67, 40, 158
RGB Percent	26%, 16%, 62%
CMY	0.7373, 0.8431, 0.3804
CMYK	0.58, 0.75, 0.00, 0.38
HSL	254°, 60%, 39%
HSV	254°, 75%, 62%
XYZ	9.2451, 5.1795, 32.8602
YIQ	61.5250, -21.7860, 42.4220

Conversions

Conversions Part 2

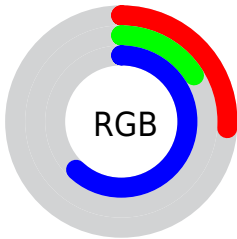
Format	Color
R_{YB}	67, 40, 158
Decimal	4401310
CIE _{Lab}	27.24, 43.57, -59.60
CIE _{LCh}	27, 73.826, 306.166
Yxy	5.1795, 0.1955, 0.1095
Android (android.graphics.Color)	4282591390 (0xFF43289E)
YUV	61.5250, 47.5622, 4.8016
Hunter-Lab	22.7585, 32.6839, -69.6758

Details

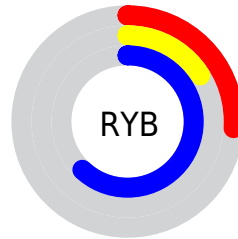
The YUV color **61.5250, 47.5622, 4.8016** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **136.4750, -47.5622, -4.8016**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4270, 49.5825, 10.1495**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **48.5450, 53.9613, 5.6610**, and if you desaturate by 10%, it is **74.5050, 41.1630, 3.9421**.

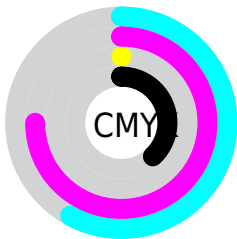
Distribution



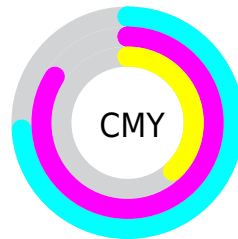
- Red (26%)
- Green (16%)
- Blue (62%)



- Red (26%)
- Yellow (16%)
- Blue (62%)



- Cyan (58%)
- Magenta (75%)
- Yellow (0%)
- Black (38%)



- Cyan (74%)
- Magenta (84%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5250, 47.5622, 4.8016 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 61.5250, 47.5622, 4.8016 by changing the saturation by 10% instead.

■ 61.5250, 47.5622,
4.8016

■ 61.5250, 47.5622,
4.8016

■ 255.0000, 0.0000,
0.0000

■ 34.4920, 47.5784,
-0.4315

■ 113.4270, 49.5825,
10.1495

■ 11.9700, 45.8638,
-10.4977

■ 140.3670, 50.5981,
11.0791

■ 9.1200, 34.9438,
-7.9982

■ 165.6680, 44.0407,
14.3232

■ 9.3190, 23.0137,
-8.1728

■ 189.6010, 32.2417,
18.7669

■ 5.0500, 14.2723,
-4.4289

■ 215.0070, 19.7165,
22.7959

■ 0.9120, 3.4944,
-0.7998

■ 235.6290, 9.5499,

■ 0.0000, 0.0000,

16.9884

0.0000

252.6520, 1.1576,
2.0592

61.5250, 47.5622,
4.8016

61.5250, 47.5622,
4.8016

48.5450, 53.9613,
5.6610

74.5050, 41.1630,
3.9421

35.5650, 60.3605,
6.5205

87.4850, 34.7639,
3.0827

28.7760, 63.7074,
6.3354

100.1770, 28.5067,
3.3528

113.1570, 22.1076,
2.4933

126.1370, 15.7085,
1.6339

■ 139.1170, 9.3093,
0.7744

■ 152.0970, 2.9102,
-0.0851

■ 164.4900, -3.1996,
-0.4297

■ 177.7690, -9.7461,
-0.6744

Harmonies

Analogous

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



61.6100, 58.3663, -54.0320



61.5250, 47.5622, 4.8016



53.3180, 28.4372, 72.5121

Triad

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



61.5250, 47.5622, 4.8016



58.7400, -28.9588, 48.4630



57.8580, 8.4510, -50.7415

Complementary

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



61.5250, 47.5622, 4.8016



136.4750, -47.5622, -4.8016

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.



49.2740, -19.3621, -43.2133



61.5250, 47.5622, 4.8016



59.6720, -29.4183, 9.0577

Square

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



61.5250, 47.5622, 4.8016



43.6540, -21.5214, 89.7574



45.7860, -22.5725, -40.1543



64.8290, 32.6223, -56.8550

Rectangle

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



61.5250, 47.5622, 4.8016



54.1830, 9.7698, 86.6625



45.7860, -22.5725, -40.1543



55.5780, -0.2850, -48.7419

Sweetspot

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



61.5250, 47.5622, 4.8016



169.5330, 18.4712, 2.1636



107.4560, 24.9182, -59.1589



82.2850, 11.1985, 1.5041



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



61.5250, 47.5622, 4.8016



54.7620, 75.0533, 7.2247



78.8670, 39.0126, 40.4586



72.5100, 3.1996, 0.4297



26.1690, 57.5977, 5.9908



2.9060, 5.9623, 0.9594

Inverse Universe

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



85.6560, 22.3546, 63.4457



92.9160, 35.0444, 100.0517



119.1330, -39.0126, -40.4586



74.0760, 1.4415, 4.3183



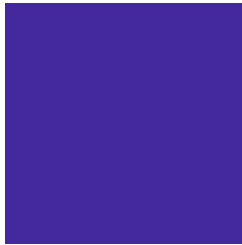
55.2970, 26.9686, 76.9155



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 61.5250, 47.5622, 4.8016 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 61.5250, 47.5622, 4.8016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

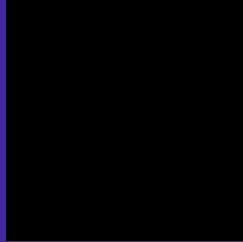
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5250, 47.5622, 4.8016

Background



This preview shows how black text looks on a background with the YUV color 61.5250, 47.5622, 4.8016.



This preview shows how white text looks on a background with the YUV color 61.5250, 47.5622,

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

61.5250, 47.5622, 4.8016

Protanopia

51.4420, 39.7151, -45.1146

Deuteranopia

52.2110, 29.9690, -45.7890



Tritanopia

59.9200, 7.9274, -22.7318

Trichromacy



Original Color

61.5250, 47.5622, 4.8016

Protanomaly

54.9480, 42.4236, -27.1414

Deuteranomaly

55.3410, 36.3139, -27.4861

Tritanomaly

60.4710, 22.4458, -12.6911

Monochromacy



Original Color

61.5250, 47.5622, 4.8016

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8920, 17.3082, 1.8487

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5250, 47.5622, 4.8016 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(67, 40, 158)` looks like.

```
.text, #text, p{  
    color:rgb(67, 40, 158)  
}
```

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(67, 40, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 40, 158) }
```

Border

The CSS property to change the border of an element to YUV 61.5250, 47.5622, 4.8016 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(67, 40, 158) }
```


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

```
.border{ border-color:rgb(67, 40, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 40, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 40, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 40, 158);  
box-shadow:4px 4px 4px 4px rgb(67, 40,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 61.5250, 47.5622, 4.8016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 40, 158) }
```

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

```
.background{ background-color: rgb(67, 40,  
158) }
```

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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