

Converting Colors

YUV(61.9670, 50.7953, 41.2479)

Have a look what the booklet for
YUV(61.9670, 50.7953, 41.2479)
contains.

YUV(61.9670, 50.7953, 41.2479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.9670, 50.7953,
41.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	6D12A5
RGB	109, 18, 165
RGB Percent	43%, 7%, 65%
CMY	0.5725, 0.9294, 0.3529
CMYK	0.34, 0.89, 0.00, 0.35
HSL	277°, 80%, 36%
HSV	277°, 89%, 65%
XYZ	13.3145, 6.4004, 36.1310
YIQ	61.9670, 7.0490, 65.0090

Conversions

Conversions Part 2

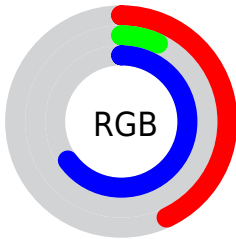
Format	Color
R_{YB}	109, 18, 165
Decimal	7148197
CIE _{Lab}	30.40, 59.67, -58.46
CIE _{LCh}	30, 83.538, 315.587
Yxy	6.4004, 0.2384, 0.1146
Android (android.graphics.Color)	4285338277 (0xFF6D12A5)
YUV	61.9670, 50.7953, 41.2479
Hunter-Lab	25.2991, 49.6684, -66.9658

Details

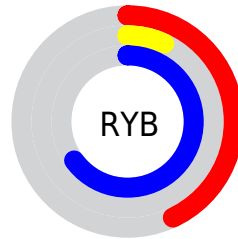
The YUV color **61.9670, 50.7953, 41.2479** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **121.0330, -50.7953, -41.2479**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6140, 49.4903, 39.8035**, and **28.3160, 41.2562, 20.7709** is the 20% darker color. If you saturate the color by 10%, you get **50.1940, 56.5994, 46.3109**, and if you desaturate by 10%, it is **73.7400, 44.9912, 36.1850**.

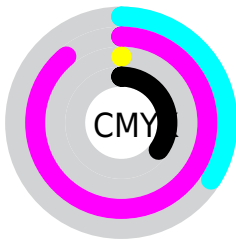
Distribution



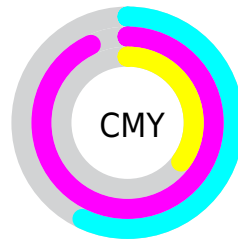
- Red (43%)
- Green (7%)
- Blue (65%)



- Red (43%)
- Yellow (7%)
- Blue (65%)



- Cyan (34%)
- Magenta (89%)
- Yellow (0%)
- Black (35%)



- Cyan (57%)
- Magenta (93%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9670, 50.7953, 41.2479 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 61.9670, 50.7953, 41.2479 by changing the saturation by 10% instead.

61.9670, 50.7953,
41.2479

61.9670, 50.7953,
41.2479

255.0000, 0.0000,
0.0000

39.9510, 48.3382,
36.0000

120.6140, 49.4903,
39.8035

28.3160, 41.2562,
20.7709

148.4400, 50.0691,
40.8331

17.3930, 34.3163,
6.6713

173.5300, 40.1647,
44.2622

7.0680, 27.0815,
-6.1986

198.9360, 27.6396,
48.2911

6.2070, 16.1669,
-5.4435

215.6710, 19.3892,
34.4915


2.5250, 7.1362,
-2.2144


232.1070, 11.2862,


0.0000, 0.0000,


20.0772


0.0000


 249.7170, 2.6045,
4.6332


 61.9670, 50.7953,
41.2479


 61.9670, 50.7953,
41.2479


 50.1940, 56.5994,
46.3109

 73.7400, 44.9912,
36.1850

 49.3080, 57.0362,
46.2109

 85.2250, 39.3291,
32.2517

 96.4110, 33.8144,
27.7036

 108.1840, 28.0103,
22.6406

 119.9570, 22.2062,
17.5777

■ 131.4420, 16.5441,
13.6444

■ 142.6280, 11.0294,
9.0962

■ 154.4010, 5.2253,
4.0333

■ 165.8860, -0.4368,
0.1000

Harmonies

Analogous

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



64.5910, 67.2496, -56.6463



61.9670, 50.7953, 41.2479



61.4190, 21.9784, 90.8405

Triad

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



61.9670, 50.7953, 41.2479



67.5450, -33.2997, 40.7410



67.7350, 18.3716, -59.4036

Complementary

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



61.9670, 50.7953, 41.2479



121.0330, -50.7953, -41.2479

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.



58.6950, -11.1886, -51.4755



61.9670, 50.7953, 41.2479



63.1170, -31.1167, -6.2416

Square

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



61.9670, 50.7953, 41.2479



46.3450, -22.8481, 95.2904



52.2430, -25.7558, -45.8171



74.6890, 45.0163, -65.5023

Rectangle

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



61.9670, 50.7953, 41.2479



59.8060, 1.5746, 101.9021



52.2430, -25.7558, -45.8171



64.6400, 9.0515, -56.6893

Sweetspot

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



61.9670, 50.7953, 41.2479



173.3760, 20.0276, 16.3332



67.6300, 48.0034, -43.5255



83.1550, 11.7556, 9.5111



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



61.9670, 50.7953, 41.2479



64.1630, 73.8696, 60.3700



76.7730, 35.1149, 77.3751



75.5210, 3.1941, 2.1741



43.4400, 50.0691, 40.8331



5.3410, 6.2409, 4.9629

Inverse Universe

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



68.3370, 2.7919, 84.7735



73.3340, 4.2723, 123.3641



106.2270, -35.1149, -77.3751



76.1470, 0.4205, 5.1331



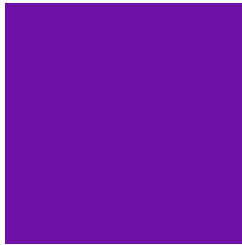
49.6250, 2.6499, 83.6439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 61.9670, 50.7953, 41.2479 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 61.9670, 50.7953, 41.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

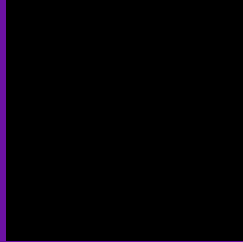
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.9670, 50.7953, 41.2479

Background



This preview shows how black text looks on a background with the YUV color 61.9670, 50.7953, 41.2479.



This preview shows how white text looks on a background with the YUV color 61.9670, 50.7953,

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

61.9670, 50.7953, 41.2479

Protanopia

58.6630, 44.5361, -51.4475

Deuteranopia

58.7310, 34.6426, -51.5071



Tritanopia

74.3440, -1.6486, 15.4843

Trichromacy



Original Color

61.9670, 50.7953, 41.2479

Protanomaly

60.1540, 46.7591, -17.6751

Deuteranomaly

59.8460, 40.5019, -17.4049

Tritanomaly

70.0350, 17.2377, 24.5253

Monochromacy



Original Color

61.9670, 50.7953, 41.2479

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9090, 18.2859, 14.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9670, 50.7953, 41.2479 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(109, 18, 165)` looks like.

```
.text, #text, p{  
    color:rgb(109, 18, 165)  
}
```

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(109, 18, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 18, 165) }
```

Border

The CSS property to change the border of an element to YUV 61.9670, 50.7953, 41.2479 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(109, 18, 165) }
```


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

```
.border{ border-color:rgb(109, 18, 165) }
```

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

Here you see how a box with a 4 pixel rgb(109, 18, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 18, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 18, 165);  
box-shadow:4px 4px 4px 4px rgb(109, 18,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 61.9670, 50.7953, 41.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 18, 165) }
```

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

```
.background{ background-color: rgb(109, 18,  
165) }
```

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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