

Converting Colors

YUV(61.4850, 78.6409, 23.2537)

Have a look what the booklet for
YUV(61.4850, 78.6409, 23.2537)
contains.

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Color

**YUV(61.4850, 78.6409,
23.2537)**

Conversions

Conversions Part 1

Format	Color
Hex	5811DD
RGB	88, 17, 221
RGB Percent	35%, 7%, 87%
CMY	0.6549, 0.9333, 0.1333
CMYK	0.60, 0.92, 0.00, 0.13
HSL	261°, 86%, 47%
HSV	261°, 92%, 87%
XYZ	17.2761, 7.6961, 68.9815
YIQ	61.4850, -23.1680, 78.4960

Conversions

Conversions Part 2

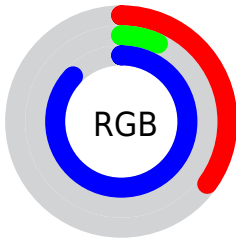
Format	Color
R_{YB}	88, 17, 221
Decimal	5771741
CIE _{Lab}	33.34, 70.55, -86.70
CIE _{LCh}	33, 111.778, 309.136
Yxy	7.6961, 0.1839, 0.0819
Android (android.graphics.Color)	4283961821 (0xFF5811DD)
YUV	61.4850, 78.6409, 23.2537
Hunter-Lab	27.7418, 62.6121, -128.0088

Details

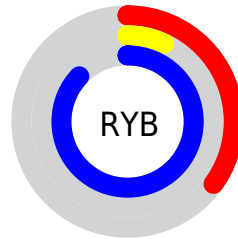
The YUV color **61.4850, 78.6409, 23.2537** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **176.5150, -78.6409, -23.2537**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1900, 65.9683, 27.8974**, and **18.6960, 71.6349, -16.3964** is the 20% darker color. If you saturate the color by 10%, you get **48.2170, 85.1820, 25.2427**, and if you desaturate by 10%, it is **78.5850, 70.2106, 20.5350**.

Distribution



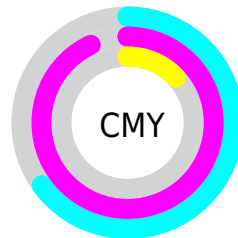
- Red (35%)
- Green (7%)
- Blue (87%)



- Red (35%)
- Yellow (7%)
- Blue (87%)



- Cyan (60%)
- Magenta (92%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (93%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4850, 78.6409, 23.2537 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 61.4850, 78.6409, 23.2537 by changing the saturation by 10% instead.

61.4850, 78.6409,
23.2537

61.4850, 78.6409,
23.2537

255.0000, 0.0000,
0.0000

36.5390, 76.6423,
10.9283

121.1900, 65.9683,
27.8974

18.6960, 71.6349,
-16.3964

146.8950, 53.2958,
32.5411

15.6180, 59.8413,
-13.6970

172.0130, 40.9126,
37.6996

12.5400, 48.0478,
-10.9976

198.0170, 28.0926,
42.9581

16.7340, 33.6551,
-14.6757

216.8450, 18.8104,
33.4619

10.3620, 24.4715,
-9.0875

233.8680, 10.4181,

5.5060, 16.0195,

18.5328

-4.8288

250.8910, 2.0257,
3.6036

2.2970, 6.2626,
-2.0145

0.0000, 0.0000,
0.0000

61.4850, 78.6409,
23.2537

61.4850, 78.6409,
23.2537

48.2170, 85.1820,
25.2427

78.5850, 70.2106,
20.5350

95.9840, 61.6329,
18.4310

113.0840, 53.2026,
15.7123

130.4830, 44.6249,
13.6084

■ 148.1700, 35.9052,
10.3749

■ 165.2700, 27.4749,
7.6562

■ 182.6690, 18.8972,
5.5523

■ 199.7690, 10.4669,
2.8336

■ 217.1680, 1.8892,
0.7297

Harmonies

Analogous

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



80.1390, 86.2065, -70.2819



61.4850, 78.6409, 23.2537



74.1230, 34.4494, 104.2551

Triad

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



61.4850, 78.6409, 23.2537



69.4710, -34.2492, 65.3619



73.6050, 15.4777, -64.5516

Complementary

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



61.4850, 78.6409, 23.2537



176.5150, -78.6409, -23.2537

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.



60.4610, -29.8073, -53.0243



61.4850, 78.6409, 23.2537



71.4230, -35.2115, 0.5060

Square

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



61.4850, 78.6409, 23.2537



58.3050, -28.7444, 119.8815



57.5260, -28.3603, -50.4503



85.2840, 52.6110, -74.7941

Rectangle

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



61.4850, 78.6409, 23.2537



74.0890, 5.8721, 123.5789



57.5260, -28.3603, -50.4503



70.0710, 1.9370, -61.4523

Sweetspot

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



61.4850, 78.6409, 23.2537



199.2700, 27.4749, 7.6562



120.0880, 49.7496, -90.4082



93.5010, 17.0080, 4.8226



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



61.4850, 78.6409, 23.2537



55.6810, 98.2643, 29.2208



91.0860, 64.0476, 84.1166



101.4500, 4.2151, 1.3593



37.6620, 66.7216, 19.5904



10.0280, 17.7342, 5.2374

Inverse Universe

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



93.1580, 28.0231, 112.1174



95.1690, 34.9197, 140.1718



146.9140, -64.0476, -84.1166



103.0870, 1.4361, 6.0627



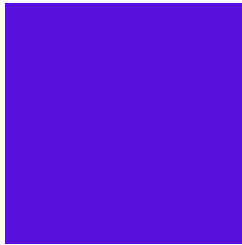
64.6090, 23.8568, 95.0589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 61.4850, 78.6409, 23.2537 looks on a white background.

Color Contrast Check

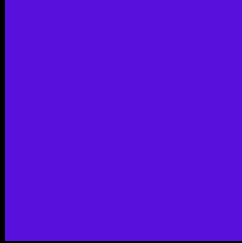
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.4850, 78.6409, 23.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

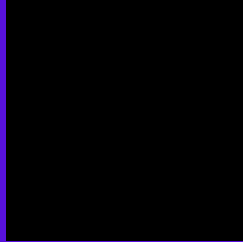
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.4850, 78.6409, 23.2537

Background



This preview shows how black text looks on a background with the YUV color 61.4850, 78.6409, 23.2537.



This preview shows how white text looks on a background with the YUV color 61.4850, 78.6409,

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

61.4850, 78.6409, 23.2537

Protanopia

62.8520, 47.8940, -55.1212

Deuteranopia

63.0510, 35.9639, -55.2957



Tritanopia

69.2600, 12.1968, -38.8160

Trichromacy



Original Color

61.4850, 78.6409, 23.2537

Protanomaly

62.6010, 58.8637, -26.8371

Deuteranomaly

62.6520, 51.4436, -26.8818

Tritanomaly

66.7060, 36.1339, -16.4052

Monochromacy



Original Color

61.4850, 78.6409, 23.2537

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2100, 28.4905, 8.5858

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4850, 78.6409, 23.2537 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(88, 17, 221)` looks like.

```
.text, #text, p{  
    color:rgb(88, 17, 221)  
}
```

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(88, 17, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 17, 221) }
```

Border

The CSS property to change the border of an element to YUV 61.4850, 78.6409, 23.2537 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(88, 17, 221) }
```


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

```
.border{ border-color:rgb(88, 17, 221) }
```

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

Here you see how a box with a 4 pixel rgb(88, 17, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 17, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 17, 221);  
box-shadow:4px 4px 4px 4px rgb(88, 17,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 61.4850, 78.6409, 23.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 17, 221) }
```

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

```
.background{ background-color: rgb(88, 17,  
221) }
```

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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